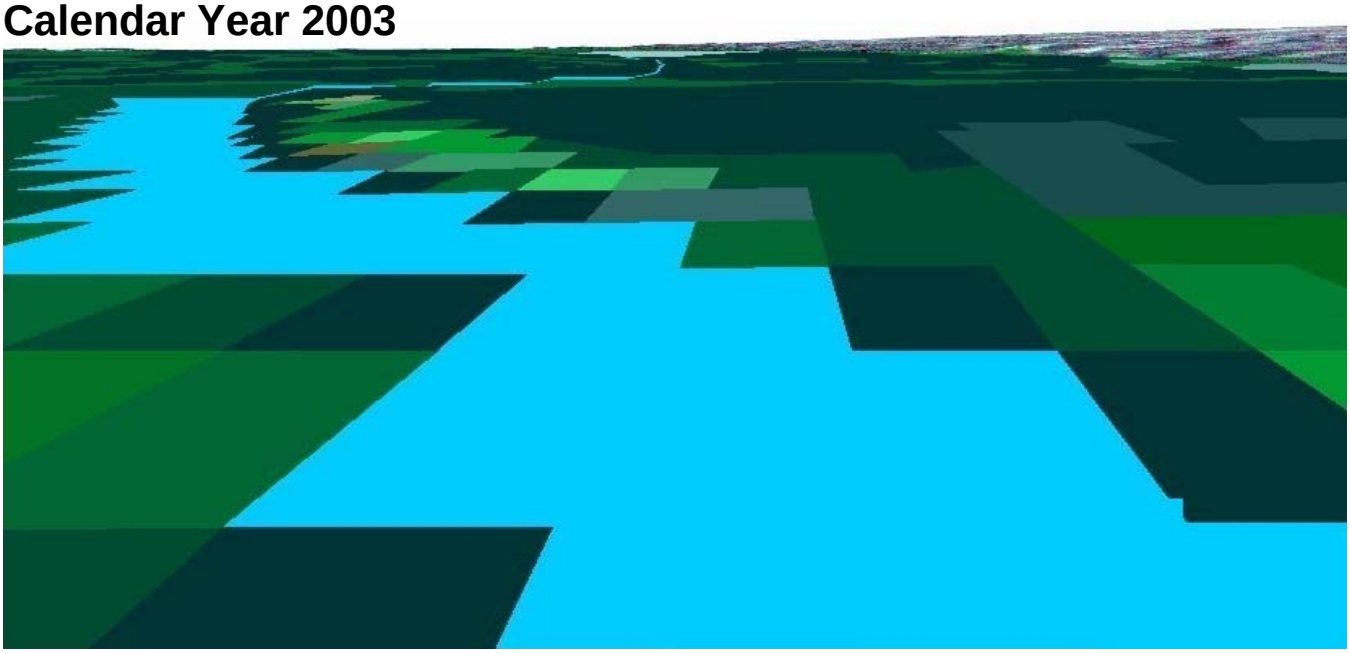
RECLAMATION

Managing Water in the West

Lower Colorado River Accounting System Appendix; Part 1, Evapotranspiration-Rate Calculations, and Part 2, Evapotranspiration Calculations

Calendar Year 2003



U.S. Department of the Interior
Bureau of Reclamation

December 2004

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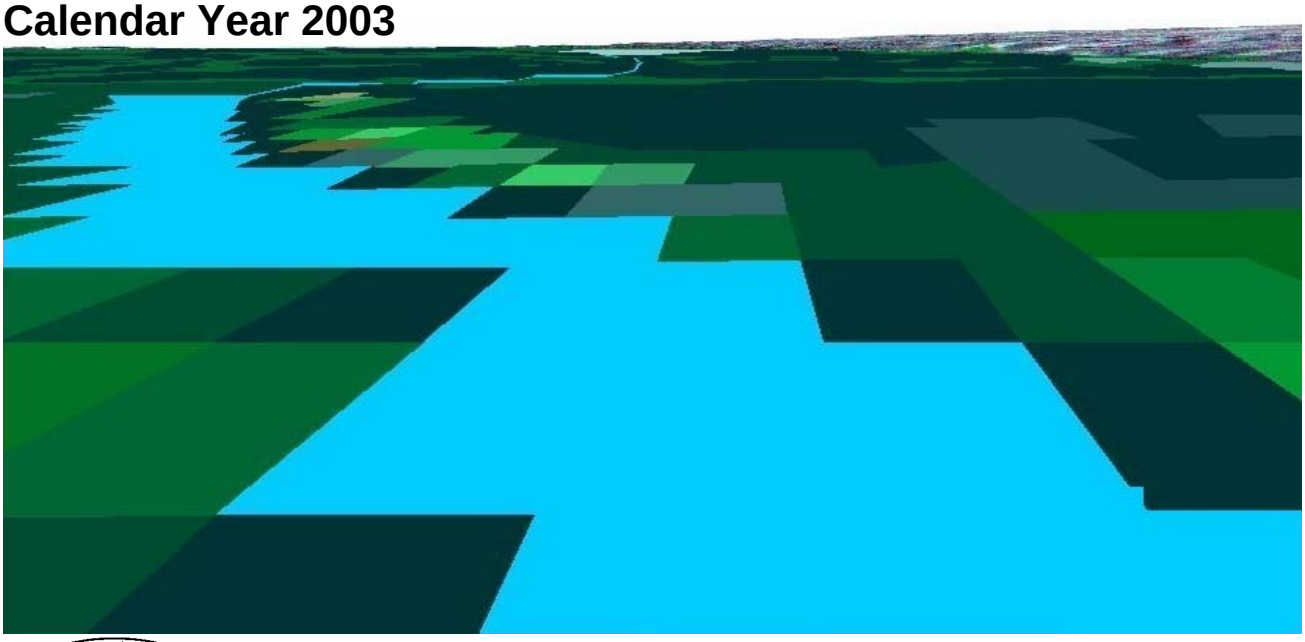
RECLAMATION

Managing Water in the West

Lower Colorado River Accounting System Appendix, Part 1, Evapotranspiration-Rate Calculations

Calendar Year 2003



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Lower Colorado River Accounting System Appendix, Part I, Evapotranspiration-Rate Calculations

Calendar Year 2003

U.S. Department of the Interior
Bureau of Reclamation
Lower Colorado Regional Office
Boulder City, Nevada

December 2004

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Root Vegetables	Sheet AB
Perennial Vegetables	Sheet AC
Sugar Beets	Sheet AD
Grapes	Sheet AE
Herbs-Misc.	Sheet AF
Moist Soil Unit	Sheet AT
Seasonal Wetland	Sheet AU

Riparian Vegetation-ET Rates:

Marsh	Sheet AG
Barren	Sheet AH
Sc - low	Sheet AI
Sc - high	Sheet AJ
Sc/ms	Sheet AK
Sc/aw	Sheet AL
Sc/ms/aw	Sheet AM
Ms - low	Sheet AN
Ms - high	Sheet AO
Ms/aw	Sheet AP
Aw	Sheet AQ
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Sc - high	Sheet AJ
Sc/ms	Sheet AK
Sc/aw	Sheet AL
Sc/ms/aw	Sheet AM
Ms - low	Sheet AN
Ms - high	Sheet AO
Ms/aw	Sheet AP

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	Page
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Cw	Sheet AR
Low Veg	Sheet AS

Appendix, Part 1
Evapotranspiration-Rate Calculations

Introduction

This document displays the evapotranspiration (ET) rates used in the Lower Colorado River Accounting System ET calculations for calendar year 2003, and data and calculations used to develop them. These ET rates are based upon the following information,

1. daily reference ET calculated using the ASCE[1]-recommended standardized equation[2] and data collected by the Arizona Meteorological Network (AZMET) and California Irrigation Management Information System (CIMIS) stations sited along the lower Colorado River and,

2. daily ET coefficients for each crop and riparian vegetation group found in the study areas (Jensen, 1998, 2002), and

3. effective precipitation (crop groups only).

All reference ET, precipitation, and ET-rate values are in units of inches unless otherwise specified.

Reference-ET values are calculated using the standardized equation and data collected by three CIMIS and five AZMET automated weather stations sited along the lower Colorado River. These stations are sited in irrigated areas and continuously collect maximum, minimum, and average air temperature and relative humidity; 2- and 4-inch average soil temperature, wind speed, precipitation; and calculate net solar radiation. These parameters, with the exception of precipitation, are used to calculate hourly and daily reference-ET values.

Use of the standardized equation eliminates the portion of disparity in reference-ET values reported by the CIMIS and AZMET networks which results from each network's use of slightly different equations to calculate reference ET. This use of the standardized equation leaves only sighting conditions, equipment calibration, and micro-climatic differences between sites as sources of site to site variations in reference-ET values.

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[1] American Society of Civil Engineers.

[2] Dr. Paul Brown of the Arizona Meteorological Network applied the Penman-Montieth Standardized Equation recommended by ASCE to calculate the reference evapotranspiration values used in this report.

Reclamation developed area-specific reference-ET values for the Parker and Palo Verde Area and the Yuma Area by averaging site-specific reference-ET values produced using the standardized equation and data collected by the CIMIS and AZMET stations sited within those areas.

Reclamation combines crops into groups which have similar water requirements and growing seasons to facilitate ET-rate calculations. The crop groups used for this report are shown in the following section entitled, "Crop/Riparian Vegetation ET-Rate sheets."

Average reference-ET tables description

The Average Reference-ET Tables display site-specific and area-specific reference-ET values. These values are used to calculate the ET rate for all crop and riparian vegetation groups, the site-specific reference-ET values are calculated using the standardized equation. The Average Reference-ET Tables created for this report, and the AZMET and CIMIS sites used to create the Average Reference-ET Tables are shown in table 1.

Table 1 — Average Reference-ET Tables and AZMET/CIMIS Sites

Average Reference-ET Table	AZMET/CIMIS Station Sites
Area-specific reference-ET table for the Ft. Mohave area	Mohave and Mohave II AZMET sites
Area-specific reference-ET table for the Parker/Palo Verde area	Parker and Parker Reference Station AZMET sites, and Blythe NE, Ripley, and Palo Verde II CIMIS sites
Area-specific reference-ET table for the Yuma area	North Gila, Yuma Mesa, and Yuma Valley AZMET sites

The first page of each Average Reference-ET Table displays average daily and monthly reference-ET values. Reclamation calculates these values using daily ET values from the sites used for an area or site specific average reference ET. Reclamation uses daily ET from these tables in the ET-rate tables. Subsequent pages display reference-ET values calculated using the standardized equation for each AZMET and CIMIS site used to compile site-specific or area-specific reference-ET values displayed on the first page. The reference-ET values on the first page are in units of inches and the reference-ET values for individual AZMET and CIMIS sites on subsequent pages are in units of millimeters.

Average precipitation tables description

The Average Precipitation Tables present the average daily precipitation values, the station names, and the site-specific precipitation values. Site-specific precipitation values are averaged to produce the average precipitation values,

these values are then used to calculate the ET of crops and riparian vegetation groups presented in the ET-rate tables.

Each average precipitation table presents the daily precipitation for one month of the year for each site used in the analysis and the resultant daily average precipitation. The first page of the average precipitation table presents the annual totals of daily precipitation at each of the sites, and the annual total of average daily-precipitation values. Reclamation created the Average Precipitation Tables for this report from the precipitation stations shown in table 2.

Table 2 — Average Precipitation Tables and Precipitation Stations

Average Precipitation Table	Precipitation Stations
Mohave Area	Mohave and Mohave AZMET #2 AZMET, and National Weather Service (NWS) Bullhead City Stations
Parker/Palo Verde Area	Parker AZMET; Ripley, Blythe NE, and Palo Verde II CIMIS; Blythe-Airport, Ehrenberg 2E, Parker, and Blythe NWS stations
Yuma Area	North Gila, Yuma Mesa, and Yuma Valley AZMET, and Yuma Citrus, Yuma Proving Ground, and Yuma Quartermaster NWS stations

ET-Rate tables description

The ET-rate tables display ET-rate calculations for each crop and riparian vegetation group based upon reference-ET values located in the Average Reference-ET Tables, precipitation values from the Average Precipitation Tables, and a coefficient unique to each crop and riparian vegetation group. Three ET rate tables have been created for this report; they are the Mohave ET-Rate Table, the Parker/Palo Verde ET-Rate Table, and the Yuma Area ET-Rate Table.

Each ET-rate table consists of several sheets (labeled sheets B, C, ... AU) which are titled and generally report one topic. At the top of each sheet is a summary or total of calculations made therein. The source of the data displayed in the tables and the type of calculations performed are identified within each sheet. A more detailed description of each sheet of the ET-rate tables is presented in subsequent paragraphs.

The ET rate for each crop group is calculated using the following equation.

ET rate = (Reference ET * K_c) - Effective Precipitation.

Where,

K_c = ET coefficient for each crop group

The ET rate, reference ET, and precipitation values are in units of inches, and the ET coefficient is dimensionless. Effective precipitation is calculated as the product of precipitation reported by CIMIS, AZMET, and NWS stations, and a coefficient for effective precipitation (Jensen 1993).

The ET rate for riparian vegetation groups is not reduced by an estimate of effective precipitation. The ET rate for riparian vegetation groups is calculated using the following equation.

$$\text{ET rate} = \text{Reference ET} * K_{rv}$$

Where,

K_{rv} = ET coefficient for each riparian vegetation group

The format of the ET-rate tables is described in the following sections.

ET summary sheet

This sheet, labeled sheet A, is a summary page which displays monthly reference-ET values from site-specific and area-specific reference-ET sheets, monthly precipitation from the precipitation sheet, and monthly ET-rate values for each crop and riparian vegetation group from crop/riparian vegetation-ET sheets.

Precipitation sheet

This sheet, labeled sheet B, displays daily precipitation, with monthly and annual summations. Daily precipitation values are reported by CIMIS, AZMET, and (NWS) precipitation stations in the area of interest. Daily precipitation from AZMET, CIMIS and NWS gages in a geographic area are averaged to provide a single daily site specific or area specific precipitation amount for each area Precipitation is reported in units of inches.

Effective-precipitation sheet

This sheet, labeled sheet C, displays calculations of daily effective precipitation with monthly and annual summations. Effective precipitation is calculated using the following equation.

Effective precipitation = precipitation (from sheet B) * effective precipitation coefficient[3].

Effective-precipitation and precipitation values are in units of inches. The effective-precipitation coefficient is dimensionless.

[3] Jensen 1993.

Reference-ET sheet

This sheet, labeled sheet D, displays daily reference-ET values, and monthly and annual summations thereof from site-specific or area-specific reference-ET sheets. These values are used to calculate ET rates for crops and riparian vegetation in succeeding sheets. The ET-rate values are in units of inches. Estimated reference-ET values are noted with an asterisk.

Crop/Riparian Vegetation-ET sheets

These sheets, labeled sheets E-AU, are in the same two-page format. Each sheet contains data used to calculate the daily ET rate of a specific crop or riparian vegetation group. Page one displays calculations of the daily ET rate, with monthly and annual summations. Page two stores daily K_c or K_{rv} values for the specific crop or riparian vegetation group. The ET rate for crops and riparian vegetation is calculated using the following equations.

Crop ET:

ET rate = [Reference ET (from sheet D) * K_c] - effective precipitation (from sheet C),

Where,

K_c = ET coefficient for each crop group;

Riparian Vegetation ET:

ET rate = Reference ET (from sheet D) * K_{rv},

Where,

K_{rv} = ET coefficient for each riparian vegetation group.

The ET rate and reference-ET values, are in units of inches. The ET coefficient for each crop group (K_c) or riparian vegetation group (K_{rv}) is dimensionless. Monthly summations of daily ET rates from each crop/riparian vegetation ET table are carried over to the ET summary sheet (sheet A). An index of the crop and riparian vegetation groups displayed on each of sheets labeled E through AU is shown on table 3.

Table 3 — Crop Groups	
Sheet ID	**Group Name**
sheet E	Alfalfa-1a perennial
sheet F	Alfalfa-1b annual
sheet G	Alfalfa-1c seed
sheet H	Cotton
sheet I	Small Grain (Includes Oats, Rye, Barley, Millet, and Wheat)
sheet J	Field Grain (Includes Field & Sweet Corn, Sorghum, & Milo)
sheet K	Lettuce-early
sheet L	Lettuce-late
sheet M	Melons- spring
sheet N	Melons- fall
sheet O	Bermuda Grass
sheet P	Bermuda Grass Over Seeded with Rye Grass in Winter
sheet Q	Citrus-Young, 1 to 2 Meter Size
sheet R	Citrus-Mature, 2 + Meter Size
sheet S	Citrus-Declining
sheet T	Tomatoes
sheet U	Sudan Grass
sheet V	Legume & Solanum Vegetables (green beans, dry beans, garbanzo beans, peas, peanuts, fresh peppers, & potatoes)
sheet W	Crucifers (broccoli, cauliflower, cabbage, bok-choy, mustard, kale, & okra)
sheet X	Dates
sheet Y	Safflower
sheet Z	Deciduous Orchards (pecans & peaches)
sheet AA	Small Vegetables (carrots, celantro, celery, garlic, onions, parsley, & radishes)
sheet AB	Root Vegetables (table beets, parsnips, turnips, & rutabagas)
sheet AC	Perennial Vegetables (artichokes, asparagus)
sheet AD	Sugar Beets
sheet AE	Grapes
sheet AF	Herbs (parsley, sage, rosemary, and thyme, dill, basil, terragon, and oregano)
sheet AT	Moist Soil Unit, an area flooded in winter and irrigated in the summer to maintain planted or native vegetation.
sheet AU	Seasonal Wetland, an area flooded in winter, but not irrigated in summer to maintain a wetland.

Table 3 — Riparian Vegetation Groups		
Sheet ID	**Group Name**	**Description**
sheet AG	Marsh	cattail, bulrush, phragmites 40%
sheet AH	Barren	#10% vegetation
sheet AI	Sc-low	11-60% salt cedar and #25% arrowweed

Table 3 — Riparian Vegetation Groups		
Sheet ID	**Group Name**	**Description**
sheet AJ	Sc-high	61-100% salt cedar and #25% arrowweed
sheet AK	Sc/ms	11-60% salt cedar and 11-60% mesquite and #25% arrowweed
sheet AL	Sc/aw	#75% salt cedar and $25% arrowweed
sheet AM	Sc/ms/aw	15-45% salt cedar and 15-45% mesquite and 20-40% arrowweed
sheet AN	Ms-low	11-60% screwbean and honey mesquite #25% arrowweed
sheet AO	Ms-high	61-100% screwbean and honey mesquite #25% arrowweed
sheet AP	Ms/aw	21-60% mesquite and 31-60% arrowweed and #20% salt cedar
sheet AQ	Aw	51-100% arrowweed and #10% any trees
sheet AR	Cw	61-100% cotton wood and willow
sheet AS	Low Veg	>10% and #30% any riparian vegetation

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Jensen, Marvin E., 1993. "Evaluating Effective Rainfall in CVWD," October 1, 1993. Appendix 3 of "Appendix Prepared for Water Use Assessment, Coachella Valley Water District and Imperial Irrigation District," Phase I Report from the Technical Work Group, Stephen M. Jones, Charles M. Burt, Albert J. Clemmens, Marvin E. Jensen, Joseph M. Lord, Jr., Kenneth H. Solomon, Draft April 1994 (copies of Appendix 3 are available from the Bureau of Reclamation, Boulder Canyon Operations Office, Boulder City, Nevada) (see page A3-13).

Jensen 1998. "Coefficients for Vegetative Evapotranspiration and Open Water Evaporation for

the Lower Colorado River Accounting System" October 1998, Marvin E. Jensen, Consultant, 1207 Springwood Drive, Fort Collins, CO 80525-2850 (available from the Bureau of Reclamation Boulder Canyon Operations Office in Boulder City, Nevada).

Jensen 2002. "Coefficients for Vegetative Evapotranspiration and Open Water Evaporation for

the Lower Colorado River Accounting System (LCRAS) Addendum to the 1998 Report Prepared for the Bureau of Reclamation" April 2002, Marvin E. Jensen, Consultant, 1207 Springwood Drive, Fort Collins, CO 80525-2850 (available from the Bureau of Reclamation Boulder Canyon Operations Office in Boulder City, Nevada).

Average

Reference-ET

Tables

 Area-Specific Rererence-ET Table for the Ft. Mohave Area
2003 Ft. Mohave area-specific reference ET using the Standard (Penmon-Monteith) equation, inches/day.
Average of 2 AZMET stations, Mohave and Mohave II.

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Total
1	0.13	0.11	0.08	0.26	0.21	0.30	0.34	0.13	0.27	0.20	0.09	0.05	
2	0.21	0.19	0.13	0.22	0.24	0.31	0.32	0.24	0.28	0.21	0.06	0.13	
3	0.13	0.15	0.07	0.16	0.25	0.30	0.29	0.28	0.25	0.17	0.11	0.11	
4	0.12	0.07	0.09	0.21	0.25	0.28	0.29	0.27	0.29	0.17	0.08	0.11	
5	0.13	0.14	0.13	0.19	0.22	0.28	0.31	0.28	0.22	0.15	0.07	0.05	
6	0.31	0.15	0.12	0.17	0.25	0.27	0.34	0.31	0.24	0.14	0.07	0.04	
7	0.24	0.18	0.12	0.24	0.25	0.28	0.31	0.29	0.26	0.15	0.07	0.09	
8	0.05	0.14	0.12	0.28	0.27	0.31	0.32	0.32	0.23	0.15	0.07	0.12	
9	0.05	0.08	0.14	0.19	0.23	0.35	0.28	0.29	0.27	0.16	0.06	0.10	
10	0.04	0.07	0.17	0.20	0.21	0.33	0.31	0.27	0.24	0.19	0.07	0.06	
11	0.08	0.10	0.14	0.22	0.23	0.32	0.35	0.31	0.35	0.27	0.09	0.05	
12	0.06	0.06	0.14	0.23	0.23	0.31	0.31	0.29	0.21	0.17	0.03	0.06	
13	0.09	0.04	0.16	0.24	0.19	0.29	0.33	0.26	0.40	0.31	0.06	0.04	
14	0.05	0.07	0.18	0.24	0.19	0.29	0.30	0.24	0.42	0.16	0.06	0.07	
15	0.12	0.08	0.10	0.19	0.26	0.30	0.24	0.31	0.24	0.16	0.06	0.11	
16	0.20	0.10	0.07	0.18	0.27	0.29	0.36	0.22	0.27	0.14	0.04	0.14	
17	0.20	0.06	0.11	0.21	0.29	0.30	0.31	0.25	0.24	0.15	0.06	0.14	
18	0.21	0.09	0.15	0.19	0.26	0.31	0.30	0.28	0.48	0.15	0.09	0.11	
19	0.07	0.10	0.19	0.21	0.42	0.30	0.27	0.31	0.24	0.13	0.09	0.10	
20	0.07	0.17	0.14	0.18	0.37	0.31	0.27	0.23	0.22	0.21	0.06	0.05	
21	0.06	0.18	0.20	0.26	0.26	0.30	0.29	0.24	0.35	0.17	0.11	0.08	
22	0.07	0.11	0.15	0.20	0.27	0.29	0.31	0.17	0.24	0.12	0.16	0.11	
23	0.10	0.11	0.17	0.22	0.27	0.35	0.23	0.24	0.20	0.11	0.14	0.06	
24	0.12	0.13	0.15	0.22	0.27	0.30	0.17	0.22	0.18	0.29	0.07	0.05	
25	0.15	0.04	0.22	0.23	0.30	0.39	0.21	0.25	0.19	0.39	0.07	0.12	
26	0.17	0.07	0.21	0.25	0.27	0.41	0.16	0.24	0.23	0.31	0.05	0.10	
27	0.07	0.08	0.25	0.25	0.26	0.30	0.24	0.16	0.17	0.16	0.16	0.07	
28	0.07	0.08	0.28	0.26	0.28	0.31	0.26	0.21	0.19	0.14	0.12	0.06	
29	0.11		0.24	0.26	0.34	0.35	0.21	0.24	0.20	0.08	0.06	0.03	
30	0.14		0.21	0.21	0.34	0.34	0.29	0.24	0.19	0.22	0.05	0.09	
31	0.18		0.17		0.31		0.26	0.24		0.13		0.05	
Total	3.80	2.95	4.80	6.57	8.26	9.37	8.78	7.83	7.76	5.66	2.38	2.55	70.71

 2003 MOHAVE PENMAN MONTEITH ETo, mm/dy

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Total
1	3.375959	2.830209	2.074775	6.799140	5.372755	7.723580	9.269481	3.169146	7.063635	5.421495	2.330841	1.290251	
2	5.354671	5.089359	3.522587	5.759056	6.540635	8.372217	8.847045	6.071042	7.359035	5.825788	1.484702	2.937513	
3	3.400502	3.940480	1.797187	4.351452	7.095761	7.808181	7.828070	7.071183	6.388173	4.552891	2.697746	2.973336	
4	3.128098	1.925226	2.197573	5.618874	6.667414	7.225848	7.280897	6.957385	7.353034	4.600769	1.972140	2.650518	
5	3.333890	3.713803	3.605747	5.053565	5.912827	6.910146	7.872139	6.950949	5.467741	3.740130	1.655408	1.377846	
6	8.192930	3.873783	3.047757	4.352367	6.809506	6.750007	8.279841	7.891416	6.228983	3.577392	1.964731	1.050976	
7	6.404890	4.837590	2.929001	6.293607	6.673127	6.943384	7.497836	7.291359	6.817494	3.845357	1.887134	1.995875	
8	1.298597	3.882745	3.052953	7.320909	7.367869	7.518065	7.366286	7.180813	6.230454	3.761832	1.744606	2.977098	
9	1.179518	2.198079	3.512532	5.031924	6.083497	7.820110	6.952477	6.638316	6.655959	4.082838	1.521019	2.527398	
10	0.948485	1.924554	4.105802	5.251350	5.144257	7.252777	7.399318	6.592278	5.930940	4.415516	1.894741	1.293308	
11	2.001283	2.830007	3.350634	5.652081	5.738518	7.030395	7.686224	6.709060	8.774379	7.023402	2.346214	1.199295	
12	1.515200	1.636600	3.494935	5.852977	5.899507	6.707327	7.097411	6.165934	5.160667	4.195241	0.725648	1.315049	
13	2.359691	0.999916	3.923362	6.123769	4.862719	6.722196	7.915997	6.343663	9.705176	7.792220	1.418617	0.960970	
14	1.464131	1.777205	4.614746	5.612569	4.830614	6.751348	7.547206	5.303764	10.590650	4.062647	1.427255	1.608923	
15	3.171627	2.062033	2.380295	5.035776	6.041319	6.840995	5.821272	6.742769	5.473487	3.928441	1.325956	2.455144	
16	5.457124	2.574742	1.592424	4.479273	6.207480	7.129030	8.733879	5.694726	6.796921	3.605358	0.892690	3.329786	
17	5.106455	1.665191	2.790642	5.152914	6.293161	7.059012	7.403670	6.089151	5.968780	3.828814	1.336700	3.481145	
18	5.702304	2.375365	3.691038	4.667204	6.448579	7.336152	6.897641	6.755782	12.191800	3.726604	2.386004	2.597986	
19	1.853014	2.460029	4.929259	5.361029	10.137400	6.863540	6.547429	6.512265	6.170405	3.378867	2.165145	2.307489	
20	1.766337	4.596236	3.611481	4.714453	9.062529	7.150190	6.717232	5.825519	5.743141	5.069601	1.525434	1.374682	
21	1.635499	4.720807	5.127381	6.251788	6.255383	7.235204	7.280506	5.943331	9.255750	4.470641	2.642821	2.014095	
22	1.804408	2.615822	3.704128	5.271323	6.323798	6.929097	7.257453	4.103584	6.447569	3.292264	4.336121	2.539271	
23	2.728168	3.035212	4.132650	5.475683	6.476580	8.659426	5.725375	5.883391	4.934014	3.016089	3.549739	1.532253	
24	3.221422	3.408270	3.979195	5.412824	6.501584	7.712491	3.906411	5.684835	4.452731	7.423302	1.830323	1.236701	
25	3.963149	1.087424	5.968067	6.012795	7.734852	9.927936	5.199533	6.239422	4.902989	9.783309	1.640841	2.789219	
26	4.759667	1.950838	5.779716	6.874338	7.029122	10.515150	3.942960	6.036341	6.207649	8.048065	1.334736	2.576522	
27	1.737347	1.908476	6.791241	6.631785	6.453618	7.826830	5.871798	4.154624	4.453479	4.096301	3.795325	1.709475	
28	1.998686	2.000116	7.484783	7.173279	7.240641	7.713521	6.129779	5.143347	4.973178	3.794826	3.007603	1.401871	
29	3.184535		6.330810	7.102102	9.104519	9.630408	5.367475	6.328124	5.375071	1.844741	1.434951	0.802495	
30	3.875797		5.642110	5.480556	9.210594	9.177262	7.847786	6.515471	5.006854	5.323587	1.249553	2.148276	
31	4.670987		4.260698		8.050786		7.092948	6.098979		3.236150		1.438594	
Total	100.594371	77.920117	123.425509	170.170762	209.570951	229.241825	216.583375	190.087969	198.080138	144.764478	59.524744	61.893359	1,781.857598

 2003 MOHAVE II PENMAN MONTEITH ETo, mm/dy

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Total
1	3.300794	2.777938	2.034886	6.470619	5.089599	7.296042	7.905951	3.594517	6.778248	4.839546	2.373495	1.438319	
2	5.206814	4.361635	3.236588	5.263845	5.755104	7.493255	7.535053	5.921412	6.633554	4.666032	1.664018	3.572768	
3	3.104269	3.478288	1.923954	3.920924	5.630000	7.596079	7.110088	7.008123	6.224907	4.269104	2.686754	2.756739	
4	2.922398	1.873496	2.277207	4.917216	6.023084	7.153917	7.503555	6.913950	7.267028	4.120155	2.080286	2.776916	
5	3.152378	3.240331	3.070180	4.452186	5.352529	7.121009	7.698923	7.052809	5.808741	3.654620	1.795193	1.329010	
6	7.605966	3.583101	3.254741	4.175690	5.998397	6.847209	8.942946	7.618106	6.132835	3.609572	1.811650	1.145248	
7	5.838019	4.422935	2.922666	5.740441	5.817701	7.447594	8.437781	7.300741	6.180095	3.859658	1.840204	2.423282	
8	1.305520	3.283779	3.103915	6.681955	6.594342	8.424414	9.051796	8.983528	5.374245	3.672695	1.609599	3.341939	
9	1.227591	2.034714	3.541536	4.810309	5.833278	10.075220	7.300723	8.344370	7.199914	4.117341	1.736195	2.588594	
10	0.923409	1.501350	4.400844	5.128740	5.333493	9.744848	8.343080	7.181613	6.101823	5.043519	1.812104	1.670978	
11	1.927604	2.415691	3.535615	5.562784	5.871381	9.068227	10.052920	8.898781	9.124051	6.534642	2.256559	1.478718	
12	1.284755	1.520796	3.687961	5.836992	5.813320	8.875263	8.745572	8.555942	5.472597	4.197315	0.781889	1.552414	
13	2.219485	1.122307	4.231898	6.240227	5.010559	7.902797	8.598345	7.064171	10.487660	7.735372	1.420483	0.988613	
14	1.261506	1.937882	4.328923	6.527904	4.952541	7.741912	7.557719	7.137313	10.630560	4.191832	1.510042	1.861299	
15	2.954343	2.073679	2.950881	4.692453	6.934893	8.157924	6.221229	8.831037	6.846644	4.158324	1.475105	3.168971	
16	4.650836	2.498425	1.857791	4.645761	7.565131	7.662679	9.463866	5.697161	7.142164	3.505525	1.141127	3.857702	
17	5.068644	1.600695	2.929117	5.554954	8.217768	8.069850	8.311256	6.538870	6.396420	3.711496	1.463880	3.760923	
18	4.762881	2.416131	3.738229	5.110109	6.658361	8.349293	8.198701	7.385661	11.974130	3.643123	2.387547	3.014071	
19	1.552972	2.797288	4.525429	5.487565	11.144400	8.139838	7.157550	9.234698	5.938162	3.170907	2.263719	2.715131	
20	1.726643	4.001429	3.562471	4.567722	9.927239	8.737672	6.843315	6.051366	5.582758	5.831399	1.609168	1.367081	
21	1.604311	4.189489	4.832409	6.863530	6.959874	8.161877	7.476482	6.250653	8.335332	4.352750	2.910991	2.064086	
22	1.583809	2.776395	3.805519	4.755125	7.333662	7.957215	8.703540	4.379630	5.789196	3.050966	3.938116	3.103210	
23	2.501547	2.590173	4.296033	5.616517	7.289971	9.120606	5.933738	6.209807	5.240678	2.741157	3.662979	1.743855	
24	2.942258	3.273486	3.880042	5.884899	7.049046	7.654714	4.840097	5.504448	4.453722	7.419843	1.785058	1.342264	
25	3.829497	1.119415	5.428323	5.827102	7.578385	9.789951	5.508540	6.249739	4.686449	9.977764	1.760349	3.215648	
26	3.810589	1.826192	4.885756	5.792759	6.808199	10.343450	4.144453	5.980044	5.232174	7.483209	1.388869	2.376585	
27	1.638938	2.005297	5.745403	5.966208	6.792366	7.306833	6.295277	4.087707	4.296664	4.001873	4.363087	1.957863	
28	1.743896	1.961913	6.906163	6.147650	7.235646	7.785311	6.973145	5.277524	4.709438	3.413586	3.100044	1.624309	
29	2.559857		5.716882	6.048649	8.055994	7.925730	5.299511	6.116439	4.712446	2.104762	1.547223	0.900934	
30	3.452246		4.990488	5.205907	7.813327	7.957712	7.028399	5.854900	4.559135	6.000116	1.170307	2.492126	
31	4.360602		4.226897		7.447141		6.341446	6.113240		3.342162		1.285469	
Total	92.024377	72.684250	119.828747	163.896742	209.886731	245.908441	229.524997	207.338300	195.311770	142.420365	61.346040	68.915065	1,809.085825

 Area-Specific Reference-ET Table for the Parker/Palo Verde Area

2003 Parker/Palo Verde area-specific reference ET using the Standard (Penman-Monteith) Equation in inches/day.

Average of 3 CIMIS stations (Blythe NE, Palo Verde II, and Ripley) and 2 AZMET stations (Parker and Parker Reference Station).

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Total
1	0.10	0.13	0.10	0.27	0.23	0.31	0.36	0.22	0.26	0.21	0.10	0.07	
2	0.09	0.18	0.12	0.25	0.24	0.31	0.34	0.26	0.27	0.23	0.10	0.09	
3	0.09	0.11	0.08	0.19	0.25	0.33	0.33	0.30	0.28	0.18	0.14	0.08	
4	0.09	0.09	0.12	0.21	0.23	0.32	0.32	0.30	0.26	0.16	0.09	0.09	
5	0.12	0.13	0.12	0.20	0.24	0.32	0.33	0.31	0.23	0.17	0.09	0.08	
6	0.21	0.10	0.13	0.17	0.26	0.31	0.33	0.23	0.24	0.15	0.09	0.07	
7	0.12	0.10	0.13	0.21	0.26	0.33	0.31	0.32	0.27	0.16	0.07	0.11	
8	0.06	0.10	0.14	0.22	0.24	0.33	0.33	0.32	0.28	0.18	0.10	0.13	
9	0.06	0.10	0.15	0.24	0.22	0.31	0.30	0.32	0.30	0.20	0.09	0.08	
10	0.06	0.08	0.15	0.22	0.22	0.27	0.36	0.30	0.22	0.18	0.11	0.07	
11	0.07	0.09	0.16	0.23	0.23	0.30	0.34	0.31	0.23	0.16	0.07	0.08	
12	0.07	0.04	0.15	0.21	0.24	0.29	0.33	0.27	0.22	0.16	0.02	0.06	
13	0.07	0.04	0.15	0.23	0.22	0.30	0.34	0.32	0.24	0.18	0.07	0.05	
14	0.07	0.07	0.18	0.23	0.26	0.31	0.33	0.24	0.24	0.17	0.07	0.08	
15	0.09	0.09	0.13	0.22	0.26	0.32	0.28	0.26	0.26	0.20	0.07	0.11	
16	0.09	0.09	0.13	0.19	0.27	0.32	0.34	0.23	0.28	0.17	0.08	0.10	
17	0.10	0.08	0.13	0.24	0.32	0.30	0.32	0.27	0.28	0.18	0.07	0.09	
18	0.10	0.10	0.23	0.20	0.31	0.33	0.27	0.33	0.26	0.18	0.09	0.08	
19	0.08	0.12	0.25	0.21	0.28	0.33	0.29	0.27	0.21	0.18	0.09	0.08	
20	0.07	0.15	0.17	0.22	0.27	0.35	0.31	0.23	0.22	0.17	0.08	0.07	
21	0.07	0.15	0.22	0.27	0.30	0.34	0.35	0.26	0.22	0.15	0.13	0.09	
22	0.07	0.12	0.17	0.25	0.33	0.33	0.34	0.21	0.23	0.17	0.19	0.08	
23	0.06	0.10	0.20	0.22	0.31	0.36	0.28	0.25	0.18	0.15	0.12	0.07	
24	0.10	0.13	0.18	0.24	0.34	0.29	0.24	0.27	0.13	0.18	0.08	0.06	
25	0.13	0.05	0.19	0.26	0.33	0.28	0.24	0.28	0.19	0.28	0.08	0.11	
26	0.11	0.10	0.22	0.24	0.30	0.31	0.18	0.22	0.21	0.19	0.09	0.10	
27	0.10	0.11	0.28	0.28	0.30	0.32	0.29	0.19	0.21	0.14	0.12	0.10	
28	0.08	0.09	0.26	0.27	0.33	0.34	0.18	0.25	0.22	0.14	0.10	0.07	
29	0.10		0.21	0.28	0.36	0.36	0.28	0.28	0.21	0.18	0.09	0.05	
30	0.10		0.19	0.24	0.32	0.36	0.26	0.27	0.22	0.20	0.08	0.06	
31	0.12		0.20		0.32		0.25	0.27		0.14		0.07	
Total	2.85	2.84	5.24	6.91	8.59	9.58	9.35	8.36	7.07	5.49	2.77	2.53	71.58

 2003 PARKER AZMET PENMAN MONTEITH ETo, mm/dy

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Total
1	2.85808	3.43722	2.44800	7.77405	5.67848	8.74611	9.41684	5.87680	6.95767	5.93733	2.58587	1.93099	
2	2.31618	5.40532	3.27309	7.17654	6.03472	8.14487	8.80609	6.84488	7.47605	6.64765	2.44439	2.91394	
3	2.39255	2.87956	1.98235	5.79668	6.58626	8.56060	9.77806	7.76423	7.31121	5.26451	3.96800	2.46061	
4	2.67420	2.26495	3.46703	5.76654	6.19116	8.24103	8.62573	7.69696	7.68025	4.16214	2.24144	2.18656	
5	3.98964	3.91329	3.29210	5.92530	7.44483	8.18814	8.67677	8.09329	5.84775	4.41649	2.31552	2.11661	
6	6.86743	2.37590	3.16089	4.68307	6.63838	8.45215	8.94516	6.03012	6.50778	4.10738	2.30739	1.67292	
7	2.46206	2.42334	3.51146	6.22948	6.91760	8.76137	8.20639	7.84490	7.33971	4.24667	1.98911	2.50328	
8	1.50949	2.93494	3.55546	6.14584	6.38222	8.53840	8.94998	7.79305	7.19138	4.61836	2.33481	3.81722	
9	1.27201	2.49794	4.00317	6.78359	6.38575	8.23579	7.83383	8.10038	8.09371	5.85545	2.12192	1.94462	
10	1.35578	2.27947	3.83463	6.31162	5.96836	7.28976	8.48474	7.75687	5.49327	5.02796	2.80496	1.59600	
11	2.10286	2.52338	3.64050	6.39597	6.13725	7.66354	8.73867	8.56838	5.42001	4.46699	1.95868	1.66558	
12	1.72690	1.37074	3.83661	5.49659	6.03436	7.83896	8.03219	6.16169	5.51808	3.97798	0.76788	1.63906	
13	1.80470	1.11815	4.09057	5.98604	5.84035	7.50915	8.62442	7.86844	5.83368	4.87315	1.70215	1.14631	
14	1.82265	2.08130	4.91562	5.86399	6.22377	7.96635	8.44800	5.86813	5.60860	4.34689	2.01957	1.92008	
15	2.57354	2.16392	3.25255	5.49180	6.68732	8.00426	6.87192	6.69170	6.31642	5.01049	1.89590	3.00398	
16	2.48471	2.17505	2.70936	5.21719	6.59731	8.34781	8.69271	5.62705	6.90659	4.15583	2.37318	2.23232	
17	2.71870	2.29392	3.34683	5.80801	7.62758	7.89208	7.94897	6.74978	6.62761	4.37004	1.77057	2.31071	
18	2.40664	3.20401	6.07467	5.18890	8.04281	8.74248	6.72315	7.01405	5.87279	4.95299	2.32158	2.07792	
19	2.10431	3.06535	6.98063	5.18561	7.20777	8.47246	7.11499	6.00229	5.27411	4.63101	2.48072	1.89707	
20	1.58795	4.94110	4.02940	5.48089	7.08493	10.19507	8.20770	5.94662	5.66035	4.19861	1.90799	1.66842	
21	1.79567	5.06855	6.26530	6.45582	7.40489	9.96322	10.81039	6.43587	5.37388	3.86564	2.97390	2.62255	
22	1.88503	2.82332	4.18893	5.67238	7.52521	9.99607	9.88643	5.09903	5.75303	4.70525	5.44832	1.91472	
23	1.79094	2.46975	4.82633	5.40031	8.03995	10.65929	7.81076	6.27479	4.85319	3.98603	2.79126	1.62027	
24	2.88344	3.62581	4.57014	5.92650	9.28728	8.64987	6.35198	6.75506	3.56643	5.66460	1.89315	1.37264	
25	4.27633	1.53645	5.30748	6.60563	9.09607	7.57715	6.69871	7.74892	4.78171	8.40523	1.91334	2.36191	
26	2.64496	2.29528	6.01421	6.15808	8.02823	7.96260	4.09093	5.93783	5.48872	5.00253	2.55142	2.64106	
27	2.54905	3.13367	8.07977	7.19773	8.56125	8.24733	7.85932	5.42286	5.66728	3.59089	2.80109	2.91847	
28	2.20404	2.58933	7.13337	6.70229	8.92791	9.06821	5.77951	6.75462	5.62539	3.32638	2.08524	1.73071	
29	2.53114		5.69592	8.18590	9.68476	10.03536	7.54280	8.20246	5.61701	3.93062	2.34377	1.24998	
30	2.80087		4.71743	6.67517	8.28033	9.47293	6.87291	8.14400	5.87101	5.46434	2.13286	1.49511	
31	3.07244		5.26660		8.99744		6.53604	7.49630		3.58189		1.63151	
Total	77.46425	78.89100	137.47038	183.68751	225.54453	257.42240	247.36605	214.57134	181.53465	146.79131	71.24598	64.26311	1,886.25252

 2003 PARKER REFERENCE STATION PENMAN MONTEITH ETo, mm/dy

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Total
1	2.53789	3.18085	2.35675	7.13281	5.49049	7.04426	8.19684	5.07464	6.17942	5.52872	2.56480	1.90006	
2	2.14119	4.34799	2.91986	6.26181	5.73408	6.81545	7.81444	6.30034	6.39734	5.86620	2.50828	2.76724	
3	2.28581	2.46326	1.84150	5.12341	6.16478	7.49628	8.56847	7.37066	6.39350	4.68659	4.07477	2.42669	
4	2.47444	2.09214	3.24681	5.18005	5.87656	7.14291	7.54843	7.13482	6.75250	3.88198	2.13612	2.39042	
5	3.45256	3.10463	3.16745	5.29935	6.68097	7.04646	7.52033	7.28518	5.60718	3.98601	1.98625	2.05770	
6	6.08650	2.14792	3.10866	4.40975	6.01630	7.39354	7.79437	5.57938	6.03292	3.53142	2.29821	1.72382	
7	2.20768	2.28331	3.35189	5.23204	6.10519	7.72514	7.27455	7.16937	6.92198	3.99407	1.98074	2.64485	
8	1.47851	2.62778	3.57960	5.35369	5.67624	7.51508	7.93379	7.35963	6.66321	4.30427	2.50865	3.51990	
9	1.24723	2.44401	3.90947	6.01787	5.66283	7.49383	7.27316	7.61435	7.48312	4.97255	1.98295	1.89998	
10	1.31575	1.97176	3.86011	5.57152	5.84075	6.50297	10.07170	7.31893	5.32738	4.44394	2.71331	1.58057	
11	1.90826	2.33020	3.69454	5.85479	5.80685	7.31919	10.12083	7.95675	4.96580	3.99768	1.60440	1.66661	
12	1.62358	1.17383	3.88287	5.16198	5.68056	7.44683	9.91410	6.80485	5.15009	3.58470	0.83009	1.61691	
13	1.73222	1.24433	4.00079	5.61451	5.86481	8.30185	10.24321	8.90690	5.51022	4.49066	1.71391	1.10172	
14	1.78091	2.06175	5.04655	5.46882	7.07019	8.78372	9.41100	6.59986	4.99681	4.08579	1.98187	1.93064	
15	2.32666	2.16696	4.06684	5.17476	7.81772	9.14488	7.51195	7.40946	5.90897	4.40052	1.89663	2.78964	
16	2.25992	2.15346	2.97444	4.84709	7.30144	9.44969	9.29510	5.94432	7.95985	3.90827	2.37635	2.11559	
17	2.47628	2.15573	3.72069	5.95836	9.19808	8.56821	8.60941	6.91700	7.86022	3.94757	1.73885	2.18322	
18	2.50281	2.90546	5.98315	5.71806	8.37455	9.58543	7.25333	8.24832	6.13514	4.20933	2.27141	2.04044	
19	2.04657	2.89240	6.43634	5.10294	7.38051	9.18499	7.28328	7.04521	5.22181	4.01786	2.35049	1.95794	
20	1.31898	4.10919	4.16664	5.70424	7.11144	10.01167	8.16123	6.36537	5.53787	3.95245	2.11538	1.59823	
21	1.71493	4.11835	5.82334	7.32532	7.34721	9.63813	8.88102	7.06574	4.92736	3.59850	3.22682	2.51718	
22	1.74894	2.82435	4.24290	6.44423	7.71038	9.21970	8.04500	5.53591	5.37605	3.98040	5.28674	1.85675	
23	1.58673	2.17744	5.10354	5.86050	7.36647	9.25465	7.18938	6.29823	5.74166	3.76788	2.77961	1.57194	
24	2.51489	3.32430	4.57371	6.16982	7.89127	8.36328	5.48860	6.98330	4.16444	4.66329	1.85271	1.46951	
25	3.39217	1.47772	4.92988	7.01163	7.71397	7.40566	6.19792	7.15634	4.93106	7.07595	1.98359	2.56283	
26	2.55166	2.36870	5.59108	6.36116	6.86884	7.47925	3.68456	5.46270	5.57702	4.35208	2.48140	2.57722	
27	2.47405	3.05961	7.17334	7.29269	7.00645	7.86876	6.40232	5.21043	5.63613	3.46883	2.67873	2.64305	
28	2.03956	2.45269	6.24191	6.54158	7.57394	8.40434	4.82626	6.15490	5.75875	3.88190	2.08561	1.74590	
29	2.43798		5.11206	7.55007	7.78387	8.41346	6.74668	7.10370	5.16367	4.53462	2.31439	1.23828	
30	2.69025		4.56051	6.33432	6.83729	8.34748	6.38868	7.19579	5.41948	6.15661	1.99509	1.38421	
31	2.93882		4.99775		7.36591		5.92112	6.80401		4.15901		1.71297	
Total	71.29372	71.66010	133.66495	177.07917	212.31991	244.36708	237.57104	211.37639	175.70093	135.42967	70.31811	63.19199	1,803.97306

 2003 BLYTHE NE PENMAN MONTEITH ETo, mm/dy

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Total
1	2.45715	3.37758	2.50219	7.24850	6.35302	8.10108	8.38558	5.50090	6.72344	5.45071	2.56787	1.95867	
2	2.39496	4.34366	3.20354	6.76814	6.64453	8.49528	8.45043	6.65127	8.54615	5.64075	2.55423	2.10725	
3	2.32322	2.98970	2.06677	4.48478	6.39897	9.12518	8.10122	7.51930	8.01960	4.47253	3.48101	1.93930	
4	2.33813	2.12942	3.06358	5.63143	5.62522	8.68395	8.33606	7.91345	6.88351	4.52903	2.23125	2.32727	
5	3.24502	3.01856	3.04382	4.57047	5.70052	8.87068	8.55854	7.99334	6.16859	4.56594	2.36374	2.34429	
6	5.31282	2.81977	3.61525	4.16998	7.33581	8.57173	8.44098	6.01592	6.60683	4.18123	2.53490	2.08021	
7	4.07137	2.90774	3.72261	5.20995	6.88733	9.51243	8.16379	8.46647	6.97835	4.39255	2.23959	2.79735	
8	1.42225	2.39400	3.84691	6.18158	6.91594	9.41231	8.81331	8.61959	7.03396	4.58364	2.82427	2.85832	
9	1.47127	2.49277	4.07715	6.53692	5.13541	8.64638	8.08584	7.95995	8.17582	4.95207	2.51363	2.11657	
10	1.44792	2.25211	3.98156	5.63584	5.40143	7.70399	9.28855	7.75526	5.58411	4.59786	2.91756	1.87603	
11	1.69325	2.26238	4.44276	6.01934	6.30350	8.82907	9.24769	7.94163	6.83114	3.89000	1.74172	1.90701	
12	1.84033	0.85031	3.95718	5.90615	6.50349	8.32107	8.55227	6.43457	5.80086	4.72270	0.31478	1.41237	
13	2.23663	0.63899	3.96348	6.26404	6.01247	8.30448	8.46269	7.98477	6.44709	4.54235	1.64009	1.45577	
14	2.00499	1.64850	4.30186	6.19353	7.94016	8.53726	8.28538	5.47703	7.33746	4.91826	1.79563	2.21508	
15	2.46454	2.11413	2.90115	5.53257	6.59055	8.76509	7.19782	6.37142	6.76564	4.97130	1.97814	2.97629	
16	2.50731	2.16044	2.98555	4.91340	7.79824	8.51530	8.98452	5.74629	6.66325	4.39147	1.84573	2.65514	
17	2.59146	1.91507	2.73101	6.86399	9.57589	8.01921	8.29616	6.88777	6.76823	5.41849	1.76951	2.75631	
18	2.78821	2.34265	5.04132	5.17523	8.03774	9.07949	6.76495	9.05040	7.63239	5.09375	2.47900	2.01816	
19	2.12673	3.08894	5.91869	5.32838	7.76703	8.63646	7.34455	6.38888	6.15518	5.47010	2.56666	2.17180	
20	1.94652	3.30871	4.05730	5.73012	7.30865	7.98665	7.72181	6.09951	6.22145	4.74618	2.16704	1.79849	
21	1.88033	3.67048	5.11131	7.34067	7.99620	7.64437	8.12612	6.88690	6.66067	4.55700	3.36134	2.09416	
22	1.78049	3.29684	4.94877	6.30506	9.22446	7.74741	7.65354	5.36322	6.90644	5.08077	5.30515	2.23683	
23	1.72914	2.62766	5.46189	5.60407	7.97712	8.45293	7.05575	6.49236	4.64400	4.43960	3.78455	1.91275	
24	2.42600	3.63869	4.42004	6.22507	8.56050	6.94119	5.75072	6.94295	3.23386	4.51139	2.25922	1.45747	
25	2.98874	1.24616	5.35022	6.67722	8.29519	8.26203	6.03310	7.08026	4.71161	8.82806	2.22012	3.14187	
26	2.77795	2.49651	5.68957	5.73124	7.76550	7.76362	5.35021	5.70565	5.17625	5.87278	2.10447	2.49109	
27	2.88347	2.23752	7.18192	7.32852	7.82406	8.15534	7.26337	5.46585	5.47647	3.80862	3.27267	2.23882	
28	2.10647	2.39881	6.81437	7.30754	8.19534	8.23483	4.16370	6.15834	5.61524	3.99047	2.68511	1.56136	
29	2.65616		5.55674	6.22166	9.71454	8.34092	7.35191	6.95635	5.47185	4.54669	2.52207	1.02680	
30	2.67935		5.25900	5.72779	8.30879	8.39091	6.70779	6.79741	5.38215	4.99150	2.39359	1.59869	
31	3.01187		5.04624		8.27149		6.58917	7.02502		3.68715		1.71858	
Total	75.60402	70.66808	134.26373	178.83319	228.36907	252.05064	237.52748	213.65203	190.62156	149.84492	74.43461	65.25007	1,871.11940

 2003 PALO VERDE II PENMAN MONTEITH ETo, mm/dy

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Total
1	2.07657	4.07468	2.56571	6.51372	5.72270	7.43256	10.36099	5.53861	6.31402	5.04585	2.63033	1.70575	
2	2.09850	5.17148	3.05055	5.87676	6.21424	8.33341	9.77206	7.32041	5.94805	5.31604	2.76159	1.86352	
3	2.21271	2.72476	1.88645	4.37581	6.90128	8.12862	7.92488	8.33936	6.49977	4.36406	3.26803	1.77415	
4	2.06649	2.38627	2.96407	4.77029	5.70051	8.02467	8.15608	8.58911	5.27676	4.06942	2.24933	1.97228	
5	2.43834	3.11150	2.90437	4.79701	5.48784	8.14630	9.39968	9.10635	5.43539	4.20036	2.06167	1.73688	
6	4.06408	2.31363	3.17790	4.04969	6.41498	7.44714	9.25969	6.60614	5.61363	3.42739	2.03959	1.85986	
7	2.94287	2.85504	3.20250	4.68701	6.44174	8.75513	8.21401	9.16565	6.14640	3.84219	1.58838	3.03288	
8	1.32931	2.51353	3.59568	5.06113	6.06953	8.29971	8.32213	9.13717	7.05383	4.15204	2.10200	3.31907	
9	1.54613	2.28565	3.64846	5.19135	5.70901	7.74645	8.06763	8.58219	6.72650	4.76538	2.23511	2.05861	
10	1.60139	2.06173	3.83569	5.54716	5.49720	6.71656	9.51310	7.79270	5.50196	4.28527	2.53389	1.71756	
11	1.55527	2.29669	3.90932	5.57491	5.57262	7.52128	8.06508	7.62809	6.02090	3.61358	1.39688	2.44355	
12	1.70601	0.85877	3.83278	4.69394	5.74522	7.20263	7.85460	7.16980	5.52459	4.04242	0.49809	1.24123	
13	1.81984	0.96202	3.41161	5.22493	5.05509	7.04674	8.14296	7.92207	6.12238	4.12189	1.56220	1.39703	
14	1.65356	1.90487	4.41836	5.64707	5.66695	7.10640	7.98223	5.91299	5.91980	3.39533	1.66161	2.08991	
15	2.20115	2.34290	2.57499	5.33390	5.86622	7.40030	6.48334	5.85915	6.86866	5.66984	1.67429	2.64349	
16	2.04659	2.36618	4.78356	4.61877	6.21069	7.31435	7.86347	6.01392	7.66173	4.53770	1.97314	2.73423	
17	2.17659	1.92320	3.66490	6.04667	7.77770	7.20012	7.54052	6.57027	7.30746	4.23958	1.46240	2.33233	
18	2.14884	2.33308	6.80877	4.84435	7.66411	7.31948	6.82269	9.28822	6.10058	4.18541	1.53631	2.07646	
19	2.07894	3.40737	6.18621	5.42232	6.31768	7.44271	6.98386	7.20677	4.89559	4.06839	1.69531	1.99103	
20	1.97795	3.92577	4.96631	5.68399	5.93946	6.86265	7.40790	5.43143	5.15692	4.14850	2.28552	1.83927	
21	2.07802	3.35602	5.78328	7.29554	8.07193	6.71916	7.07325	6.23968	5.39243	3.87372	3.29755	2.59173	
22	2.01737	3.25242	4.43620	6.81604	9.76519	6.77339	8.15522	5.33992	5.45711	3.77275	3.68746	2.01524	
23	1.56850	2.80031	5.06411	5.37618	8.51603	7.82091	6.41734	5.96888	4.05765	3.60588	2.78724	1.74135	
24	2.49803	3.26930	4.91694	5.98838	9.34972	6.25948	6.29505	6.52249	2.81169	3.83063	1.78741	1.51372	
25	3.01880	1.30529	4.31017	6.39176	9.14084	4.38277	5.54032	6.28925	4.72363	6.38132	2.25144	2.43534	
26	3.37181	2.46280	5.92579	5.96587	7.74700	8.09269	5.04460	4.56995	4.97734	4.33753	1.84632	2.56007	
27	2.45204	2.98161	6.83823	6.97084	7.02488	8.48587	7.48568	3.34520	5.20659	3.36487	2.61732	2.71574	
28	2.38428	2.24281	6.11249	6.56393	7.84259	9.29572	4.06436	5.83472	5.13603	3.19079	2.41743	1.79023	
29	2.57866		5.45029	6.64748	8.97743	10.33397	7.08294	6.54120	5.30285	4.95818	2.00808	1.38705	
30	1.49542		4.72916	5.71509	8.22469	10.54849	6.39748	6.10359	5.28925	4.09082	1.74898	1.63909	
31	3.14562		4.94867		8.06753		6.24292	6.27819		3.06936		1.61915	
Total	68.34966	73.48967	133.90350	167.69189	214.70257	230.15969	233.93604	212.21345	170.44949	129.96647	63.66490	63.83781	1,762.36513

 2003 RIPPLEY PENMAN MONTEITH ETo, mm/dy

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Total
1	2.21260	2.73346	2.34075	5.71225	5.73065	7.95610	9.16960	5.92608	6.69682	5.23975	2.46928	1.73223	
2	2.06820	3.43791	3.01106	5.83275	5.75850	8.13690	8.69524	6.50064	6.44559	5.93669	2.59163	1.79495	
3	1.81138	2.52816	1.99893	4.26572	6.30037	8.42043	7.25943	7.46839	6.97176	4.64299	3.51386	1.82797	
4	2.19849	2.07562	3.12403	4.96097	5.69961	8.12084	7.66827	7.16883	6.58816	4.19732	2.21214	2.11271	
5	2.21456	2.80724	2.90605	4.59411	5.39070	8.22733	7.80710	7.40836	5.73594	4.28567	2.14091	1.77995	
6	4.34782	2.52329	3.10026	4.15358	6.06846	7.74742	7.77241	5.40872	6.05809	3.77178	2.17006	1.75428	
7	3.18143	2.57755	3.25825	4.86259	6.04165	7.73882	7.77910	7.58407	6.51359	4.16851	1.67938	3.10984	
8	1.37189	2.46923	3.38283	5.34216	6.06154	7.86771	7.73027	7.85155	7.10851	4.59025	2.39130	2.82161	
9	1.49099	2.45062	3.74374	5.33724	5.41727	7.34752	7.15211	8.34653	8.16330	4.95006	2.34362	2.23387	
10	1.44936	1.97178	3.60429	5.23239	5.46513	6.67952	8.13512	7.85805	5.67449	4.60170	2.89349	1.67289	
11	1.65698	2.03291	4.14255	5.45830	5.88348	7.18128	7.17939	7.88978	6.30565	3.89855	1.59289	2.09856	
12	1.70398	0.96869	4.11353	5.59927	5.96847	6.56966	7.15200	7.23407	5.71019	4.31491	0.75701	1.49475	
13	1.72407	1.04350	3.79584	6.20835	5.33184	6.49568	7.09246	8.04121	6.00721	4.38086	1.65560	1.38586	
14	1.78295	1.79880	4.51018	6.14338	5.54953	6.63117	7.37444	6.82169	6.79289	4.43554	1.89112	2.45092	
15	1.94838	2.14847	3.46206	5.77286	5.94905	6.94140	6.99006	6.45776	6.62804	5.18291	2.07806	2.90622	
16	2.09924	2.24134	3.64794	4.99779	6.20358	6.98444	8.56579	6.05321	6.70413	4.47351	2.14037	2.73544	
17	2.22152	1.80371	3.31723	5.39991	6.59961	6.72070	8.78669	6.90615	7.34987	4.64288	1.86415	2.29244	
18	2.40271	2.23328	5.24241	4.97999	6.81043	7.43374	6.90155	8.42824	6.82685	4.90146	2.30288	1.87859	
19	1.96177	2.82676	5.75080	5.14508	6.82097	8.43417	7.86225	7.04316	5.74032	4.34918	2.55413	2.06296	
20	1.44291	2.88108	4.37873	5.14442	6.25875	9.19706	8.39957	5.93663	5.55038	4.05832	1.94020	1.78989	
21	1.68028	3.28850	5.52572	6.19180	6.98123	8.97458	9.25742	6.95732	5.82917	3.53095	3.23332	1.96769	
22	1.80231	2.91645	4.11468	6.11498	7.07735	8.75728	9.31297	5.52010	5.94300	3.78918	4.34802	2.09502	
23	1.48929	2.28159	4.81358	5.32435	6.95253	9.77081	6.73466	6.39466	4.17907	3.82534	3.28077	1.88765	
24	2.12401	3.03485	4.13895	6.04857	7.68183	6.92969	6.97414	6.86450	3.13459	3.85272	2.01204	1.65417	
25	2.41362	1.40866	4.70306	6.76978	7.57308	8.28142	5.90056	7.91562	4.66038	5.45206	2.04614	3.06848	
26	2.77300	2.58689	4.83946	5.78224	7.69608	7.48109	4.95354	5.77242	4.90883	4.80053	2.02389	2.44028	
27	2.19927	2.98844	6.08842	6.97392	7.36032	7.71974	7.99249	4.35954	5.25219	3.45434	3.42004	2.29891	
28	1.84584	2.24153	6.09508	6.75971	8.97050	8.19385	4.28364	6.44957	5.26849	3.02748	2.83828	1.55472	
29	2.37202		5.39673	6.40036	10.10331	8.46062	7.18604	7.00879	5.49936	4.37545	2.52142	1.02712	
30	2.48697		5.03395	5.49616	8.58971	8.51487	6.95730	6.64098	5.73580	4.91540	2.02502	1.53122	
31	2.87445		4.80105		8.28886		6.51453	6.68605		3.38154		1.60819	
Total	65.35227	66.30031	128.38213	167.00497	206.58437	233.91580	231.54013	212.90264	179.98267	135.42783	70.93102	63.06937	1,761.39351

 Area Specific Reference-ET Table for the Yuma Area

2003 YUMA AREA-SPECIFIC REFERENCE ET USING THE STANDARD (PENMAN-MONTEITH) EQUATION

Units: Inches/day, average of the Yuma Valley, Yuma Mesa, and North Gila AZMET station sites.

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Total
1	0.10	0.13	0.11	0.23	0.23	0.28	0.36	0.28	0.28	0.20	0.13	0.08	
2	0.14	0.16	0.15	0.25	0.24	0.32	0.35	0.28	0.24	0.22	0.12	0.09	
3	0.13	0.14	0.08	0.22	0.27	0.35	0.36	0.31	0.31	0.21	0.16	0.10	
4	0.13	0.09	0.11	0.20	0.26	0.33	0.35	0.29	0.31	0.17	0.09	0.10	
5	0.13	0.14	0.13	0.22	0.23	0.34	0.38	0.31	0.27	0.17	0.08	0.10	
6	0.18	0.10	0.12	0.16	0.25	0.33	0.37	0.23	0.30	0.17	0.10	0.08	
7	0.16	0.15	0.14	0.22	0.28	0.34	0.37	0.34	0.29	0.18	0.07	0.06	
8	0.07	0.11	0.13	0.28	0.28	0.40	0.34	0.35	0.30	0.19	0.11	0.11	
9	0.06	0.10	0.16	0.24	0.26	0.40	0.32	0.32	0.27	0.23	0.10	0.08	
10	0.06	0.11	0.17	0.23	0.22	0.32	0.38	0.30	0.23	0.20	0.08	0.07	
11	0.08	0.13	0.16	0.21	0.24	0.32	0.38	0.31	0.24	0.16	0.09	0.08	
12	0.08	0.04	0.15	0.21	0.24	0.30	0.32	0.32	0.24	0.16	0.02	0.06	
13	0.10	0.04	0.15	0.22	0.22	0.29	0.32	0.31	0.24	0.17	0.07	0.06	
14	0.10	0.08	0.18	0.23	0.22	0.29	0.34	0.23	0.25	0.16	0.08	0.07	
15	0.12	0.08	0.09	0.23	0.25	0.35	0.34	0.22	0.27	0.17	0.07	0.10	
16	0.14	0.10	0.16	0.20	0.25	0.33	0.39	0.23	0.24	0.16	0.09	0.14	
17	0.14	0.10	0.18	0.23	0.29	0.29	0.36	0.27	0.27	0.17	0.07	0.13	
18	0.12	0.12	0.20	0.23	0.32	0.38	0.31	0.39	0.24	0.21	0.10	0.11	
19	0.09	0.12	0.22	0.21	0.28	0.38	0.30	0.31	0.24	0.19	0.12	0.09	
20	0.09	0.16	0.18	0.21	0.28	0.29	0.31	0.17	0.22	0.18	0.09	0.07	
21	0.07	0.17	0.22	0.24	0.29	0.33	0.31	0.25	0.23	0.19	0.09	0.08	
22	0.09	0.13	0.16	0.27	0.32	0.29	0.36	0.22	0.25	0.20	0.16	0.10	
23	0.10	0.11	0.18	0.19	0.29	0.30	0.31	0.28	0.18	0.18	0.13	0.10	
24	0.13	0.13	0.21	0.20	0.30	0.27	0.36	0.22	0.17	0.16	0.09	0.06	
25	0.14	0.08	0.20	0.23	0.30	0.28	0.32	0.25	0.19	0.26	0.08	0.09	
26	0.15	0.10	0.20	0.25	0.28	0.28	0.29	0.27	0.20	0.22	0.08	0.14	
27	0.12	0.09	0.25	0.26	0.28	0.32	0.35	0.23	0.23	0.16	0.15	0.08	
28	0.10	0.11	0.29	0.28	0.32	0.35	0.16	0.25	0.21	0.14	0.16	0.08	
29	0.11		0.24	0.29	0.37	0.37	0.30	0.29	0.21	0.17	0.11	0.07	
30	0.13		0.23	0.25	0.37	0.36	0.28	0.28	0.22	0.13	0.09	0.06	
31	0.14		0.20		0.31		0.27	0.26		0.15		0.07	
Total	3.50	3.12	5.35	6.89	8.54	9.78	10.26	8.57	7.34	5.63	2.98	2.71	74.67

 SITE-SPECIFIC REFERENCE ET FOR THE YUMA VALLEY AZMET SITE USING THE STANDARD EQUATION (Millimeters/Day)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Total
1	3.022387	2.934588	2.926899	5.017104	5.558633	7.080460	8.709470	7.447553	7.213427	5.312018	3.796875	1.948966	
2	4.305349	4.154073	3.800587	7.193542	5.519641	7.953084	8.613838	7.944882	6.220785	6.337229	3.664570	2.276631	
3	3.614661	3.780860	1.967863	6.152294	7.888088	8.449536	9.582035	9.075589	8.296104	6.056408	4.963070	2.727025	
4	3.626527	2.146386	2.819229	5.274942	7.217894	7.766570	9.682502	7.434781	7.802814	4.474025	2.496921	2.747960	
5	3.961438	3.689857	3.333088	6.062439	6.170307	7.991740	9.242079	8.067001	6.979612	4.456220	2.212117	2.344589	
6	5.032617	2.739091	3.048669	4.268819	6.573494	8.262390	8.899235	6.005381	7.845541	4.443099	2.589838	2.044756	
7	3.771782	4.613398	3.604354	5.619941	8.247843	8.312673	9.023662	8.765679	7.404397	4.770247	1.815820	1.610502	
8	1.686424	2.727790	3.361951	8.445236	7.900883	9.555121	8.388010	9.144479	7.721525	5.046065	3.048090	3.083910	
9	1.566458	2.756571	4.127585	6.317659	7.219272	9.669202	8.459656	8.350151	7.832341	6.134377	2.789788	2.377577	
10	1.607052	2.695830	4.170149	6.212628	5.600783	8.081163	9.307965	8.264545	5.934428	5.481688	2.006087	1.585032	
11	2.009194	3.562975	3.784968	5.192079	5.927607	8.206663	9.661219	8.269253	6.343602	4.105371	2.473074	2.179788	
12	2.031082	0.829286	3.846736	5.914974	5.952283	8.196943	8.700048	8.577086	6.337616	4.472156	0.597195	1.487201	
13	2.656518	1.004676	3.556545	6.092569	5.222347	7.834508	8.822510	7.921297	6.279764	4.446188	1.948413	1.524499	
14	2.539160	1.956219	4.574796	6.324089	5.834173	7.608473	8.661241	5.541556	7.199358	4.589623	1.884337	1.892264	
15	3.153023	2.099482	2.502244	5.967617	6.694196	9.304284	9.084024	5.719269	7.273753	4.378433	1.741549	2.690523	
16	4.112146	2.301002	4.252339	4.934860	6.467493	8.508966	10.261370	6.039272	6.188222	4.194016	2.678822	4.325788	
17	4.162502	2.516802	4.435356	5.848674	7.301177	7.312396	9.386309	6.865401	7.553811	4.543081	1.926034	3.996572	
18	3.376469	3.458446	5.255177	6.571628	9.182392	9.786236	8.203305	10.115790	6.788069	4.947336	2.598605	2.982855	
19	2.433071	3.133085	5.986501	5.551892	7.170916	9.196223	7.761626	8.658805	6.688247	4.950412	3.569250	2.749863	
20	2.444131	4.707816	4.745951	5.347250	7.447328	7.148621	8.477001	4.532868	5.674106	4.969818	2.145651	1.738540	
21	1.783207	4.470975	5.506072	6.458489	7.660280	7.919604	8.412773	6.754538	5.984872	5.043154	2.312528	2.147465	
22	2.485618	3.131662	3.972738	7.265520	7.294776	7.482878	9.082072	6.054077	6.429522	4.878141	4.720275	2.699696	
23	2.413784	2.653554	4.511990	4.988955	7.073992	8.217457	8.097397	7.487005	5.334545	4.141348	3.560650	2.982574	
24	3.503411	2.961554	5.463785	4.917047	7.452266	7.425325	9.486406	6.002393	4.829181	4.403718	2.331089	1.403393	
25	3.301438	1.855563	5.280761	6.231813	7.073679	7.553784	8.559335	6.609114	5.146672	7.496918	1.998637	2.036599	
26	3.876410	2.490038	4.857242	6.867482	7.001722	7.526293	7.615937	6.991317	5.454822	6.369435	2.097657	3.660405	
27	2.941435	2.259000	6.274127	7.534079	7.183942	8.865197	8.972854	6.300895	6.224657	4.686278	4.366241	2.151843	
28	2.659508	2.905247	8.084763	8.442444	8.117487	10.370210	4.013795	6.851253	5.535990	3.690998	4.837212	1.879651	
29	2.848448		6.824595	8.993006	8.715839	9.759334	7.731128	7.538555	5.560205	4.289293	3.466058	1.728595	
30	3.468400		6.227807	7.199185	8.683095	9.121566	7.468186	7.325496	5.720610	3.586690	2.118720	1.279809	
31	3.941366		5.086239		7.526207		7.269042	6.981710		4.935769		1.702820	
Total	94.335016	80.535826	138.191106	187.208256	218.880035	250.466900	265.636030	227.636991	195.798598	151.629552	82.755173	71.987691	1,965.061174

 SITE-SPECIFIC REFERENCE ET FOR THE YUMA MESA AZMET SITE USING THE STANDARD EQUATION (Millimeters/Day)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Total
1	2.453045	3.277545	2.603539	6.184658	5.810842	7.431401	9.905644	7.129891	7.329074	4.848143	3.144835	1.978368	
2	3.450827	4.119107	3.646818	5.471346	6.565279	8.680600	9.259276	7.002452	6.154358	5.331958	2.811902	2.357733	
3	3.049689	3.498725	2.148150	5.015183	6.007833	9.915111	9.187616	7.552161	7.818546	4.784690	3.631321	2.807121	
4	3.126378	2.237878	2.685516	4.796823	6.236199	9.431178	8.961090	7.371365	7.534282	4.211780	2.080971	2.573841	
5	2.870820	3.530807	3.416393	5.306781	5.521035	9.742343	10.403250	7.861493	6.707716	4.283540	2.115043	2.373643	
6	4.140273	2.268271	3.001266	4.105911	5.821917	9.263822	9.880736	5.419184	7.590596	4.349528	2.570309	2.025905	
7	4.137107	3.533094	3.441083	5.412871	5.882174	9.668608	9.670078	8.366973	7.326032	4.139666	1.693950	1.609507	
8	1.631039	2.657220	3.363989	6.330532	6.512080	10.951690	9.442242	9.294206	6.876741	4.623466	2.646246	2.734496	
9	1.504722	2.484059	4.247626	5.810532	6.599486	10.614110	8.606992	8.294725	6.126747	5.809942	2.307572	1.755985	
10	1.448548	2.692768	4.119908	5.777391	5.623372	8.444893	10.220690	7.603738	5.657666	4.617830	1.970941	1.551575	
11	1.974531	3.145850	4.188560	4.994581	6.468504	8.636506	9.821548	7.064272	6.423985	3.850920	2.205585	2.066610	
12	2.008013	1.006299	3.995479	5.142882	6.422396	7.016578	8.271028	7.928052	6.164928	3.869912	0.516783	1.371259	
13	2.449982	1.090183	4.038752	5.234403	5.965662	7.337842	8.282242	8.135718	6.343149	4.336173	1.889895	1.323887	
14	2.402334	2.063002	4.614164	6.089425	5.934600	7.350004	8.696722	5.767185	6.087234	3.931453	1.987555	1.675732	
15	3.336789	2.162347	2.183406	5.973040	6.450580	8.975041	8.839300	5.289243	6.746478	4.323385	1.715057	2.604093	
16	3.821041	2.574098	4.007423	5.207720	6.603584	8.501805	9.651664	5.656008	6.144595	3.919497	2.021453	3.221661	
17	3.688957	2.396549	4.530962	5.591384	7.736188	7.789304	8.658673	6.632115	6.123851	3.902057	1.684902	3.615113	
18	2.912570	2.543044	4.905396	5.379195	7.612892	10.190580	7.420315	10.189260	5.669496	5.211292	2.553707	3.037283	
19	2.195191	3.043594	5.137601	5.437138	7.064088	10.091160	8.038812	7.536065	5.751014	4.768912	3.178831	2.333051	
20	2.277551	3.680315	4.545739	5.293650	6.990961	7.354053	7.234473	4.280831	5.484256	4.352736	2.308922	1.682331	
21	1.767919	3.969797	5.555609	5.909997	7.475274	8.081771	7.252304	6.274330	5.307787	4.276476	2.416356	2.100025	
22	2.242315	3.151528	4.103789	6.291377	9.503203	7.230818	9.036139	5.443922	6.061120	4.609317	3.772557	2.338846	
23	2.602578	2.789083	4.571793	4.759431	8.223796	7.180663	7.924909	7.090778	4.566639	4.430000	3.377761	2.200864	
24	3.238190	3.162777	4.860164	4.978300	8.379660	6.721834	8.947821	5.502584	4.047262	3.491806	2.132112	1.595512	
25	3.557644	1.988567	4.993605	5.470387	8.655717	6.957736	8.393746	6.361890	4.886293	6.131935	2.218609	2.657983	
26	3.404967	2.592034	4.896850	6.090405	7.453972	7.098324	6.958345	6.280585	4.840265	4.775734	1.722578	3.419627	
27	3.144947	2.373389	6.815104	6.230148	7.112247	7.674313	8.595674	5.376900	6.004474	3.748329	3.820361	2.197846	
28	2.209836	2.704778	7.328662	6.617313	8.812939	8.405363	4.488231	6.268206	5.345916	3.462451	3.948261	2.168331	
29	2.681983		5.669710	6.693355	10.863890	9.043310	7.726948	7.801681	5.274813	4.746827	2.620189	1.647194	
30	3.173010		5.641377	5.948450	10.410680	9.580602	7.181526	7.488754	5.575240	3.308619	2.116578	1.581289	
31	3.361362		5.143807		8.422847		7.139231	6.567417		3.439435		1.843778	
Total	86.264158	76.736708	134.402240	167.544609	223.143897	255.361363	264.097265	214.831984	181.970553	135.887809	73.181142	68.450489	1,881.872217

 SITE-SPECIFIC REFERENCE ET FOR THE NORTH GILA AZMET SITE USING THE STANDARD EQUATION (Millimeters/Day)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Total
1	2.434574	3.361065	2.811029	6.100602	5.787595	7.167406	8.880769	7.013006	7.037722	5.098528	3.124415	2.272553	
2	3.143468	3.839799	3.613596	6.112182	5.843966	7.462920	8.532616	6.681971	6.101343	5.413339	2.964102	2.357532	
3	3.219665	3.282934	2.168423	5.559705	6.510199	8.328766	8.295243	7.150981	7.414898	4.896763	3.750178	2.387772	
4	2.995277	2.193879	3.043646	5.212580	6.678038	7.917475	8.249754	7.387066	7.948918	4.222187	2.218843	2.243078	
5	2.731592	3.493321	3.218256	5.410681	5.567107	8.123120	9.471808	7.805605	6.672108	4.196937	2.006853	2.558762	
6	4.633223	2.464769	3.141711	4.101807	6.316187	7.838452	9.778889	6.060872	7.790923	4.277853	2.584049	2.104250	
7	4.264605	3.179897	3.511541	5.439972	7.118985	8.278097	9.404897	8.842898	7.389081	4.563638	1.888558	1.551840	
8	1.823707	3.088167	3.460431	6.324556	7.095363	9.613651	7.740649	7.987806	8.284183	4.771663	2.705877	2.898321	
9	1.469015	2.629171	4.141378	5.819680	6.368261	10.247240	7.453003	7.708040	6.399477	5.861592	2.294576	1.870368	
10	1.724479	2.746408	4.369784	5.768880	5.429605	8.004490	9.580629	7.217278	5.562016	5.294050	1.775372	1.897098	
11	1.949236	3.373119	3.840573	5.467506	6.015443	7.810053	9.153925	7.988743	5.725410	3.898647	2.305422	2.171140	
12	2.116847	1.025537	3.697365	5.276335	6.025835	7.322344	7.628861	8.252427	5.651902	4.222962	0.600997	1.584868	
13	2.273595	1.070782	3.461085	5.111693	5.496475	7.154503	7.533613	7.560560	5.606201	4.039718	1.822256	1.366219	
14	2.540358	2.056981	4.534404	5.026144	4.979440	6.993403	8.443399	5.890412	5.849306	3.752990	1.869172	1.925445	
15	2.741970	2.170972	2.533516	5.837665	6.130137	8.085368	7.951792	5.548052	6.220693	4.247748	1.742432	2.484610	
16	3.077943	2.446646	3.971520	4.998903	5.909239	7.872111	9.821058	5.867375	5.645107	4.006026	2.462250	3.214165	
17	3.186375	2.712211	4.456320	5.709720	6.936056	7.136531	9.162769	6.744227	6.898883	4.343775	1.745293	2.659415	
18	2.891160	3.371056	5.337001	5.465211	7.845808	8.791378	7.941212	9.218922	6.057739	5.860061	2.408561	2.521915	
19	2.436252	3.303306	5.507470	5.048201	6.799965	9.650479	7.374900	7.707787	5.921735	5.127836	2.660329	2.090691	
20	2.452650	4.051075	4.480551	5.076567	6.573955	7.895033	7.792234	4.087904	5.338058	4.660181	2.061331	1.913688	
21	1.870568	4.557284	5.666294	6.151917	7.240712	8.788872	7.669472	6.236033	5.997762	5.026031	2.164655	1.996856	
22	2.461802	3.349553	4.282375	6.989278	7.294085	7.687940	9.216590	4.948762	6.601749	5.626376	3.807084	2.307442	
23	2.266592	3.058534	4.815841	4.969655	6.516007	7.122341	7.546524	6.693106	4.160826	4.862775	3.328925	2.138693	
24	2.909167	3.724313	5.612625	5.060304	7.267588	6.704492	8.736671	5.613346	4.324880	4.070824	2.134015	1.555903	
25	3.443047	2.331791	4.893913	5.979545	7.105039	6.760687	7.258106	6.172861	4.774344	6.120133	2.140504	2.405449	
26	3.811135	2.546852	5.399606	5.903970	6.745668	7.068793	7.190794	7.132061	4.949156	5.582431	1.967415	3.234120	
27	3.344392	2.503270	6.299308	6.425754	6.942981	7.930853	8.856702	5.589622	5.403331	3.951690	3.005130	2.091394	
28	2.615400	2.974537	6.758424	6.332935	7.637545	8.256983	3.885527	6.203578	5.133003	3.263713	3.160945	1.961347	
29	2.929475		5.939200	6.743049	8.397098	9.762468	7.452160	6.825436	4.848831	3.964515	2.396932	1.823189	
30	3.221866		5.856886	5.680583	8.937984	9.000281	6.878754	6.668078	5.462206	2.984312	2.338868	1.879234	
31	3.349396		4.866277		7.763722		6.197865	6.238053		2.823789		1.818630	
Total	86.328831	80.907229	135.690349	169.105580	207.276088	240.776530	251.081185	211.042868	181.171791	141.033083	71.435339	67.285987	1,843.134860

Average

Precipitation

Tables

	Ft. Mohave Area Average Precipitation Table				
Page 1 of 12					
	Average Daily Precip.	Mohave AZMET	Mohave #2 AZMET	Bullhead City NWS	
Annual Total	5.10	5.21	5.15	4.99	
2003 - MOHAVE VALLEY AVERAGE DAILY PRECIPITATION (inches)					
Date	Average Daily Precip.	Mohave AZMET	Mohave #2 AZMET	Bullhead City NWS	
1/ 1	0.00	0.00	0.00	0.00	
1/ 2	0.00	0.00	0.00	0.00	
1/ 3	0.00	0.00	0.00	0.00	
1/ 4	0.00	0.00	0.00	0.00	
1/ 5	0.00	0.00	0.00	0.00	
1/ 6	0.00	0.00	0.00	0.00	
1/ 7	0.00	0.00	0.00	0.00	
1/ 8	0.18	0.24	0.22	0.09	
1/ 9	0.00	0.00	0.00	0.00	
1/10	0.00	0.00	0.00	0.00	
1/11	0.00	0.00	0.00	0.00	
1/12	0.00	0.00	0.00	0.00	
1/13	0.00	0.00	0.00	0.00	
1/14	0.00	0.00	0.00	0.00	
1/15	0.00	0.00	0.00	0.00	
1/16	0.00	0.00	0.00	0.00	
1/17	0.00	0.00	0.00	0.00	
1/18	0.00	0.00	0.00	0.00	
1/19	0.00	0.00	0.00	0.00	
1/20	0.00	0.00	0.00	0.00	
1/21	0.00	0.00	0.00	0.00	
1/22	0.00	0.00	0.00	0.00	
1/23	0.00	0.00	0.00	0.00	
1/24	0.00	0.00	0.00	0.00	
1/25	0.00	0.00	0.00	0.00	
1/26	0.00	0.00	0.00	0.00	
1/27	0.00	0.00	0.00	0.00	
1/28	0.00	0.00	0.00	0.00	
1/29	0.00	0.00	0.00	0.00	
1/30	0.00	0.00	0.00	0.00	
1/31	0.00	0.00	0.00	0.00	

2003 - MOHAVE VALLEY AVERAGE DAILY PRECIPITATION (inches)					
Page 2 of 12					
Date	Average Daily Precip.	Mohave AZMET	Mohave #2 AZMET	Bullhead City NWS	
2/ 1	0.00	0.00	0.00	0.00	
2/ 2	0.00	0.00	0.00	0.00	
2/ 3	0.00	0.00	0.00	0.00	
2/ 4	0.00	0.00	0.00	0.00	
2/ 5	0.00	0.00	0.00	0.00	
2/ 6	0.00	0.00	0.00	0.00	
2/ 7	0.00	0.00	0.00	0.00	
2/ 8	0.00	0.00	0.00	0.00	
2/ 9	0.00	0.00	0.00	0.00	
2/10	0.00	0.00	0.00	0.00	
2/11	0.00	0.00	0.00	0.00	
2/12	0.24	0.35	0.37	0.00	
2/13	0.69	0.47	0.55	1.05	
2/14	0.02	0.00	0.00	0.06	
2/15	0.00	0.00	0.00	0.00	
2/16	0.00	0.00	0.00	0.00	
2/17	0.00	0.00	0.00	0.00	
2/18	0.00	0.00	0.00	0.00	
2/19	0.00	0.00	0.00	0.00	
2/20	0.00	0.00	0.00	0.00	
2/21	0.00	0.00	0.00	0.00	
2/22	0.00	0.00	0.00	0.00	
2/23	0.00	0.00	0.00	0.00	
2/24	0.00	0.00	0.00	0.00	
2/25	0.95	1.03	1.23	0.60	
2/26	0.35	0.14	0.15	0.75	
2/27	0.13	0.14	0.16	0.10	
2/28	0.00	0.00	0.00	0.00	

2003 - MOHAVE VALLEY AVERAGE DAILY PRECIPITATION (inches)					
Page 3 of 12					
Date	Average Daily Precip.	Mohave AZMET	Mohave #2 AZMET	Bullhead City NWS	
3/ 1	0.02	0.02	0.03	0.00	
3/ 2	0.00	0.00	0.00	0.00	
3/ 3	0.00	0.00	0.00	0.00	
3/ 4	0.00	0.00	0.00	0.00	
3/ 5	0.00	0.00	0.00	0.00	
3/ 6	0.00	0.00	0.00	0.00	
3/ 7	0.00	0.00	0.00	0.00	
3/ 8	0.00	0.00	0.00	0.00	
3/ 9	0.00	0.00	0.00	0.00	
3/10	0.00	0.00	0.00	0.00	
3/11	0.00	0.00	0.00	0.00	
3/12	0.00	0.00	0.00	0.00	
3/13	0.00	0.00	0.00	0.00	
3/14	0.00	0.00	0.00	0.00	
3/15	0.47	0.74	0.68	0.00	
3/16	0.65	0.51	0.50	0.95	
3/17	0.07	0.11	0.11	0.00	
3/18	0.00	0.01	0.00	0.00	
3/19	0.00	0.00	0.00	0.00	
3/20	0.00	0.00	0.00	0.00	
3/21	0.00	0.00	0.00	0.00	
3/22	0.00	0.00	0.00	0.00	
3/23	0.00	0.00	0.00	0.00	
3/24	0.00	0.00	0.00	0.00	
3/25	0.00	0.00	0.00	0.00	
3/26	0.00	0.00	0.00	0.00	
3/27	0.00	0.00	0.00	0.00	
3/28	0.00	0.00	0.00	0.00	
3/29	0.00	0.00	0.00	0.00	
3/30	0.00	0.00	0.00	0.00	
3/31	0.00	0.00	0.00	0.00	

2003 - MOHAVE VALLEY AVERAGE DAILY PRECIPITATION (inches)					
Page 4 of 12					
Date	Average Daily Precip.	Mohave AZMET	Mohave #2 AZMET	Bullhead City NWS	
4/ 1	0.00	0.00	0.00	0.00	
4/ 2	0.00	0.00	0.00	0.00	
4/ 3	0.00	0.00	0.00	0.00	
4/ 4	0.00	0.00	0.00	0.00	
4/ 5	0.00	0.00	0.00	0.00	
4/ 6	0.00	0.00	0.00	0.00	
4/ 7	0.00	0.00	0.00	0.00	
4/ 8	0.00	0.00	0.00	0.00	
4/ 9	0.00	0.00	0.00	0.00	
4/10	0.00	0.00	0.00	0.00	
4/11	0.00	0.00	0.00	0.00	
4/12	0.00	0.00	0.00	0.00	
4/13	0.00	0.00	0.00	0.00	
4/14	0.12	0.12	0.23	0.00	
4/15	0.02	0.04	0.02	0.00	
4/16	0.00	0.00	0.00	0.00	
4/17	0.00	0.00	0.00	0.00	
4/18	0.02	0.06	0.00	0.00	
4/19	0.00	0.00	0.00	0.00	
4/20	0.00	0.00	0.00	0.00	
4/21	0.00	0.00	0.00	0.00	
4/22	0.00	0.00	0.00	0.00	
4/23	0.00	0.00	0.00	0.00	
4/24	0.00	0.00	0.00	0.00	
4/25	0.00	0.00	0.00	0.00	
4/26	0.00	0.00	0.00	0.00	
4/27	0.00	0.00	0.00	0.00	
4/28	0.00	0.00	0.00	0.00	
4/29	0.00	0.00	0.00	0.00	
4/30	0.00	0.00	0.00	0.00	

2003 - MOHAVE VALLEY AVERAGE DAILY PRECIPITATION (inches)					
Page 5 of 12					
Date	Average Daily Precip.	Mohave AZMET	Mohave #2 AZMET	Bullhead City NWS	
5/ 1	0.00	0.00	0.00	0.00	
5/ 2	0.00	0.00	0.00	0.00	
5/ 3	0.00	0.00	0.00	0.00	
5/ 4	0.00	0.00	0.00	0.00	
5/ 5	0.00	0.00	0.00	0.00	
5/ 6	0.00	0.00	0.00	0.00	
5/ 7	0.00	0.00	0.00	0.00	
5/ 8	0.00	0.00	0.00	0.00	
5/ 9	0.00	0.00	0.00	0.00	
5/10	0.00	0.00	0.00	0.00	
5/11	0.00	0.00	0.00	0.00	
5/12	0.00	0.00	0.00	0.00	
5/13	0.00	0.00	0.00	0.00	
5/14	0.00	0.00	0.00	0.00	
5/15	0.00	0.00	0.00	0.00	
5/16	0.00	0.00	0.00	0.00	
5/17	0.00	0.00	0.00	0.00	
5/18	0.00	0.00	0.00	0.00	
5/19	0.00	0.00	0.00	0.00	
5/20	0.00	0.00	0.00	0.00	
5/21	0.00	0.00	0.00	0.00	
5/22	0.00	0.00	0.00	0.00	
5/23	0.00	0.00	0.00	0.00	
5/24	0.00	0.00	0.00	0.00	
5/25	0.00	0.00	0.00	0.00	
5/26	0.00	0.00	0.00	0.00	
5/27	0.00	0.00	0.00	0.00	
5/28	0.00	0.00	0.00	0.00	
5/29	0.00	0.00	0.00	0.00	
5/30	0.00	0.00	0.00	0.00	
5/31	0.00	0.00	0.00	0.00	

2003 - MOHAVE VALLEY AVERAGE DAILY PRECIPITATION (inches)					
Page 6 of 12					
Date	Average Daily Precip.	Mohave AZMET	Mohave #2 AZMET	Bullhead City NWS	
6/ 1	0.00	0.00	0.00	0.00	
6/ 2	0.00	0.00	0.00	0.00	
6/ 3	0.00	0.00	0.00	0.00	
6/ 4	0.00	0.00	0.00	0.00	
6/ 5	0.00	0.00	0.00	0.00	
6/ 6	0.00	0.00	0.00	0.00	
6/ 7	0.00	0.00	0.00	0.00	
6/ 8	0.00	0.00	0.00	0.00	
6/ 9	0.00	0.00	0.00	0.00	
6/10	0.00	0.00	0.00	0.00	
6/11	0.00	0.00	0.00	0.00	
6/12	0.00	0.00	0.00	0.00	
6/13	0.00	0.00	0.00	0.00	
6/14	0.00	0.00	0.00	0.00	
6/15	0.00	0.00	0.00	0.00	
6/16	0.00	0.00	0.00	0.00	
6/17	0.00	0.00	0.00	0.00	
6/18	0.00	0.00	0.00	0.00	
6/19	0.00	0.00	0.00	0.00	
6/20	0.00	0.00	0.00	0.00	
6/21	0.00	0.00	0.00	0.00	
6/22	0.00	0.00	0.00	0.00	
6/23	0.00	0.00	0.00	0.00	
6/24	0.00	0.00	0.00	0.00	
6/25	0.00	0.00	0.00	0.00	
6/26	0.00	0.00	0.00	0.00	
6/27	0.00	0.00	0.00	0.00	
6/28	0.00	0.00	0.00	0.00	
6/29	0.00	0.00	0.00	0.00	
6/30	0.00	0.00	0.00	0.00	

2003 - MOHAVE VALLEY AVERAGE DAILY PRECIPITATION (inches)					
Page 7 of 12					
Date	Average Daily Precip.	Mohave AZMET	Mohave #2 AZMET	Bullhead City NWS	
7/ 1	0.00	0.00	0.00	0.00	
7/ 2	0.00	0.00	0.00	0.00	
7/ 3	0.00	0.00	0.00	0.00	
7/ 4	0.00	0.00	0.00	0.00	
7/ 5	0.00	0.00	0.00	0.00	
7/ 6	0.00	0.00	0.00	0.00	
7/ 7	0.00	0.00	0.00	0.00	
7/ 8	0.00	0.00	0.00	0.00	
7/ 9	0.00	0.00	0.00	0.00	
7/10	0.00	0.00	0.00	0.00	
7/11	0.00	0.00	0.00	0.00	
7/12	0.00	0.00	0.00	0.00	
7/13	0.00	0.00	0.00	0.00	
7/14	0.00	0.00	0.00	0.00	
7/15	0.00	0.00	0.00	0.00	
7/16	0.00	0.00	0.01	0.00	
7/17	0.00	0.00	0.00	0.00	
7/18	0.00	0.00	0.00	0.00	
7/19	0.00	0.00	0.00	0.00	
7/20	0.00	0.00	0.00	0.00	
7/21	0.00	0.00	0.00	0.00	
7/22	0.00	0.00	0.00	0.00	
7/23	0.00	0.00	0.00	0.00	
7/24	0.02	0.06	0.00	0.00	
7/25	0.00	0.00	0.00	0.00	
7/26	0.00	0.00	0.00	0.00	
7/27	0.00	0.00	0.00	0.00	
7/28	0.00	0.01	0.00	0.00	
7/29	0.01	0.00	0.02	0.00	
7/30	0.00	0.00	0.00	0.00	
7/31	0.00	0.00	0.00	0.00	

2003 - MOHAVE VALLEY AVERAGE DAILY PRECIPITATION (inches)					
Page 8 of 12					
Date	Average Daily Precip.	Mohave AZMET	Mohave #2 AZMET	Bullhead City NWS	
8/ 1	0.08	0.19	0.04	0.00	
8/ 2	0.00	0.00	0.01	0.00	
8/ 3	0.00	0.00	0.00	0.00	
8/ 4	0.00	0.00	0.00	0.00	
8/ 5	0.00	0.00	0.00	0.00	
8/ 6	0.00	0.00	0.00	0.00	
8/ 7	0.00	0.00	0.00	0.00	
8/ 8	0.00	0.00	0.00	0.00	
8/ 9	0.00	0.00	0.00	0.00	
8/10	0.00	0.00	0.00	0.00	
8/11	0.00	0.00	0.00	0.00	
8/12	0.00	0.00	0.00	0.00	
8/13	0.00	0.00	0.00	0.00	
8/14	0.00	0.00	0.00	0.00	
8/15	0.00	0.00	0.01	0.00	
8/16	0.00	0.00	0.00	0.00	
8/17	0.00	0.00	0.00	0.00	
8/18	0.00	0.00	0.00	0.00	
8/19	0.00	0.00	0.00	0.00	
8/20	0.24	0.01	0.00	0.70	
8/21	0.00	0.00	0.00	0.00	
8/22	0.00	0.00	0.00	0.00	
8/23	0.00	0.00	0.00	0.00	
8/24	0.00	0.00	0.00	0.00	
8/25	0.05	0.16	0.00	0.00	
8/26	0.07	0.15	0.06	0.00	
8/27	0.28	0.13	0.17	0.55	
8/28	0.00	0.00	0.00	0.00	
8/29	0.00	0.00	0.00	0.00	
8/30	0.00	0.00	0.00	0.00	
8/31	0.00	0.00	0.00	0.00	

2003 - MOHAVE VALLEY AVERAGE DAILY PRECIPITATION (inches)					
Page 9 of 12					
Date	Average Daily Precip.	Mohave AZMET	Mohave #2 AZMET	Bullhead City NWS	
9/ 1	0.06	0.01	0.18	0.00	
9/ 2	0.00	0.00	0.00	0.00	
9/ 3	0.00	0.00	0.00	0.00	
9/ 4	0.09	0.11	0.11	0.04	
9/ 5	0.00	0.00	0.00	0.00	
9/ 6	0.00	0.00	0.00	0.00	
9/ 7	0.00	0.00	0.00	0.00	
9/ 8	0.00	0.00	0.00	0.00	
9/ 9	0.00	0.00	0.00	0.00	
9/10	0.00	0.00	0.00	0.00	
9/11	0.00	0.00	0.00	0.00	
9/12	0.00	0.00	0.00	0.00	
9/13	0.00	0.00	0.00	0.00	
9/14	0.00	0.00	0.00	0.00	
9/15	0.00	0.00	0.00	0.00	
9/16	0.00	0.00	0.00	0.00	
9/17	0.00	0.00	0.00	0.00	
9/18	0.00	0.00	0.00	0.00	
9/19	0.00	0.00	0.00	0.00	
9/20	0.00	0.00	0.00	0.00	
9/21	0.00	0.00	0.00	0.00	
9/22	0.00	0.00	0.00	0.00	
9/23	0.00	0.00	0.00	0.00	
9/24	0.00	0.00	0.00	0.00	
9/25	0.00	0.00	0.00	0.00	
9/26	0.00	0.00	0.00	0.00	
9/27	0.00	0.00	0.00	0.00	
9/28	0.00	0.00	0.00	0.00	
9/29	0.00	0.00	0.00	0.00	
9/30	0.00	0.00	0.00	0.00	

2003 - MOHAVE VALLEY AVERAGE DAILY PRECIPITATION (inches)					
Page 10 of 12					
Date	Average Daily Precip.	Mohave AZMET	Mohave #2 AZMET	Bullhead City NWS	
10/ 1	0.00	0.00	0.00	0.00	
10/ 2	0.00	0.00	0.00	0.00	
10/ 3	0.00	0.00	0.00	0.00	
10/ 4	0.00	0.00	0.00	0.00	
10/ 5	0.00	0.00	0.00	0.00	
10/ 6	0.00	0.00	0.00	0.00	
10/ 7	0.00	0.00	0.00	0.00	
10/ 8	0.00	0.00	0.00	0.00	
10/ 9	0.00	0.00	0.00	0.00	
10/10	0.00	0.00	0.00	0.00	
10/11	0.00	0.00	0.00	0.00	
10/12	0.00	0.00	0.00	0.00	
10/13	0.00	0.00	0.00	0.00	
10/14	0.00	0.00	0.00	0.00	
10/15	0.00	0.00	0.00	0.00	
10/16	0.00	0.00	0.00	0.00	
10/17	0.00	0.00	0.00	0.00	
10/18	0.00	0.00	0.00	0.00	
10/19	0.00	0.00	0.00	0.00	
10/20	0.00	0.00	0.00	0.00	
10/21	0.00	0.00	0.00	0.00	
10/22	0.00	0.00	0.00	0.00	
10/23	0.00	0.00	0.00	0.00	
10/24	0.00	0.00	0.00	0.00	
10/25	0.00	0.00	0.00	0.00	
10/26	0.00	0.00	0.00	0.00	
10/27	0.00	0.00	0.00	0.00	
10/28	0.00	0.00	0.00	0.00	
10/29	0.00	0.00	0.00	0.00	
10/30	0.00	0.00	0.00	0.00	
10/31	0.00	0.00	0.00	0.00	

2003 - MOHAVE VALLEY AVERAGE DAILY PRECIPITATION (inches)					
Page 11 of 12					
Date	Average Daily Precip.	Mohave AZMET	Mohave #2 AZMET	Bullhead City NWS	
11/ 1	0.00	0.00	0.00	0.00	
11/ 2	0.00	0.00	0.00	0.00	
11/ 3	0.00	0.00	0.00	0.00	
11/ 4	0.00	0.00	0.00	0.00	
11/ 5	0.00	0.00	0.00	0.00	
11/ 6	0.00	0.00	0.00	0.00	
11/ 7	0.00	0.00	0.00	0.00	
11/ 8	0.00	0.00	0.00	0.00	
11/ 9	0.00	0.00	0.00	0.00	
11/10	0.00	0.00	0.00	0.00	
11/11	0.00	0.00	0.00	0.00	
11/12	0.12	0.19	0.16	0.00	
11/13	0.04	0.01	0.00	0.10	
11/14	0.00	0.00	0.00	0.00	
11/15	0.00	0.00	0.00	0.00	
11/16	0.06	0.10	0.08	0.00	
11/17	0.00	0.00	0.00	0.00	
11/18	0.00	0.00	0.00	0.00	
11/19	0.00	0.00	0.00	0.00	
11/20	0.00	0.00	0.00	0.00	
11/21	0.00	0.00	0.00	0.00	
11/22	0.00	0.00	0.00	0.00	
11/23	0.00	0.00	0.00	0.00	
11/24	0.00	0.00	0.00	0.00	
11/25	0.00	0.00	0.00	0.00	
11/26	0.00	0.00	0.00	0.00	
11/27	0.00	0.00	0.00	0.00	
11/28	0.00	0.00	0.00	0.00	
11/29	0.00	0.00	0.00	0.00	
11/30	0.00	0.00	0.00	0.00	

2003 - MOHAVE VALLEY AVERAGE DAILY PRECIPITATION (inches)					
Page 12 of 12					
Date	Average Daily Precip.	Mohave AZMET	Mohave #2 AZMET	Bullhead City NWS	
12/ 1	0.00	0.00	0.00	0.00	
12/ 2	0.00	0.00	0.00	0.00	
12/ 3	0.00	0.00	0.00	0.00	
12/ 4	0.00	0.00	0.00	0.00	
12/ 5	0.00	0.00	0.00	0.00	
12/ 6	0.00	0.00	0.00	0.00	
12/ 7	0.00	0.00	0.00	0.00	
12/ 8	0.00	0.00	0.00	0.00	
12/ 9	0.00	0.00	0.00	0.00	
12/10	0.00	0.00	0.00	0.00	
12/11	0.00	0.01	0.00	0.00	
12/12	0.00	0.00	0.01	0.00	
12/13	0.00	0.00	0.00	0.00	
12/14	0.00	0.00	0.00	0.00	
12/15	0.00	0.00	0.00	0.00	
12/16	0.00	0.00	0.00	0.00	
12/17	0.00	0.00	0.00	0.00	
12/18	0.00	0.00	0.00	0.00	
12/19	0.00	0.00	0.00	0.00	
12/20	0.00	0.00	0.00	0.00	
12/21	0.00	0.00	0.00	0.00	
12/22	0.00	0.00	0.00	0.00	
12/23	0.00	0.00	0.00	0.00	
12/24	0.00	0.00	0.00	0.00	
12/25	0.01	0.02	0.00	0.00	
12/26	0.04	0.07	0.04	0.00	
12/27	0.00	0.00	0.00	0.00	
12/28	0.00	0.00	0.00	0.00	
12/29	0.00	0.00	0.00	0.00	
12/30	0.00	0.00	0.00	0.00	
12/31	0.00	0.00	0.00	0.00	
Annual Total	**5.10**	5.21	5.15	4.99	

Parker/Palo Verde Area Average Precipitation Table

	Average Daily Precip.	Parker AZMET	Blythe-Airport NWS	Ripley CIMIS	Blythe NE CIMIS	Ehrenberg 2E NWS	Parker NWS	Blythe NWS	Palo Verde II CIMIS
Annual Total	**3.07**	4.37	2.01	1.1	2.34	0.75	4.43	2.68	6.93

2003 - PARKER/PALO VERDE VALLEYS AVERAGE PRECIPITATION (inches)

Date	Average Daily Precip.	Parker AZMET	Blythe-Airport NWS	Ripley CIMIS	Blythe NE CIMIS	Ehrenberg 2E NWS	Parker NWS	Blythe NWS	Palo Verde II CIMIS
1/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/ 6	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/ 7	0.01	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
1/ 8	0.17	0.41	0.10	0.00	0.28	0.00	0.41	0.11	0.01
1/ 9	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00
1/10	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/20	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
1/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Page 2 of 12	2003 - PARKER/PALO VERDE VALLEYS AVERAGE PRECIPITATION (inches)								
Date	Average Daily Precip.	Parker AZMET	Blythe-Airport NWS	Ripley CIMIS	Blythe NE CIMIS	Ehrenberg 2E NWS	Parker NWS	Blythe NWS	Palo Verde II CIMIS
2/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/11	0.01	0.02	0.00	0.00	0.01	0.00	0.00	0.05	0.00
2/12	0.16	0.30	0.32	0.00	0.23	0.00	0.00	0.01	0.42
2/13	0.43	0.66	0.35	0.00	0.42	0.75	0.90	0.00	0.32
2/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/15	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
2/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/24	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
2/25	0.27	0.52	0.41	0.00	0.35	0.00	0.43	0.00	0.46
2/26	0.10	0.00	0.00	0.00	0.15	0.00	0.10	0.55	0.00
2/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - PARKER/PALO VERDE VALLEYS AVERAGE PRECIPITATION (inches)

Date	Average Daily Precip.	Parker AZMET	Blythe-Airport NWS	Ripley CIMIS	Blythe NE CIMIS	Ehrenberg 2E NWS	Parker NWS	Blythe NWS	Palo Verde II CIMIS
3/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/15	0.15	0.33	0.26	0.22	0.30	0.00	0.00	0.01	0.05
3/16	0.19	0.24	0.02	0.05	0.02	0.00	0.71	0.38	0.10
3/17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
3/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - PARKER/PALO VERDE VALLEYS AVERAGE PRECIPITATION (inches)

Date	Average Daily Precip.	Parker AZMET	Blythe-Airport NWS	Ripley CIMIS	Blythe NE CIMIS	Ehrenberg 2E NWS	Parker NWS	Blythe NWS	Palo Verde II CIMIS
4/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/ 9	0.01	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/14	0.02	0.00	0.08	0.04	0.03	0.00	0.00	0.00	0.01
4/15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00
4/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - PARKER/PALO VERDE VALLEYS AVERAGE PRECIPITATION (inches)

Date	Average Daily Precip.	Parker AZMET	Blythe-Airport NWS	Ripley CIMIS	Blythe NE CIMIS	Ehrenberg 2E NWS	Parker NWS	Blythe NWS	Palo Verde II CIMIS
5/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - PARKER/PALO VERDE VALLEYS AVERAGE PRECIPITATION (inches)

Date	Average Daily Precip.	Parker AZMET	Blythe-Airport NWS	Ripley CIMIS	Blythe NE CIMIS	Ehrenberg 2E NWS	Parker NWS	Blythe NWS	Palo Verde II CIMIS
6/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - PARKER/PALO VERDE VALLEYS AVERAGE PRECIPITATION (inches)

Date	Average Daily Precip.	Parker AZMET	Blythe-Airport NWS	Ripley CIMIS	Blythe NE CIMIS	Ehrenberg 2E NWS	Parker NWS	Blythe NWS	Palo Verde II CIMIS
7/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/17	0.03	0.00	0.05	0.13	0.00	0.00	0.00	0.06	0.00
7/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/24	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/25	0.07	0.18	0.01	0.08	0.03	0.00	0.00	0.13	0.11
7/26	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
7/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/30	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.11
7/31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - PARKER/PALO VERDE VALLEYS AVERAGE PRECIPITATION (inches)

Date	Average Daily Precip.	Parker AZMET	Blythe-Airport NWS	Ripley CIMIS	Blythe NE CIMIS	Ehrenberg 2E NWS	Parker NWS	Blythe NWS	Palo Verde II CIMIS
8/ 1	0.01	0.01	0.00	0.00	0.00	0.00	0.10	0.00	0.00
8/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/15	0.02	0.00	0.00	0.06	0.03	0.00	0.00	0.03	0.00
8/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/22	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00
8/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/25	0.10	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - PARKER/PALO VERDE VALLEYS AVERAGE PRECIPITATION (inches)

Date	Average Daily Precip.	Parker AZMET	Blythe-Airport NWS	Ripley CIMIS	Blythe NE CIMIS	Ehrenberg 2E NWS	Parker NWS	Blythe NWS	Palo Verde II CIMIS
9/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/ 4	0.04	0.07	0.07	0.06	0.00	0.00	0.00	0.00	0.12
9/ 5	0.15	0.00	0.00	0.00	0.00	0.00	1.20	0.00	0.00
9/ 6	0.14	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.79
9/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - PARKER/PALO VERDE VALLEYS AVERAGE PRECIPITATION (inches)

Date	Average Daily Precip.	Parker AZMET	Blythe-Airport NWS	Ripley CIMIS	Blythe NE CIMIS	Ehrenberg 2E NWS	Parker NWS	Blythe NWS	Palo Verde II CIMIS
10/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - PARKER/PALO VERDE VALLEYS AVERAGE PRECIPITATION (inches)

Date	Average Daily Precip.	Parker AZMET	Blythe-Airport NWS	Ripley CIMIS	Blythe NE CIMIS	Ehrenberg 2E NWS	Parker NWS	Blythe NWS	Palo Verde II CIMIS
11/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/11	0.05	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00
11/12	0.21	0.18	0.33	0.00	0.30	0.00	0.17	0.35	0.31
11/13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00
11/14	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
11/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/26	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23
11/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/28	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
11/29	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
11/30	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09

Page 12 of 12	2003 - PARKER/PALO VERDE VALLEYS AVERAGE PRECIPITATION (inches)								
Date	Average Daily Precip.	Parker AZMET	Blythe_Airport NWS	Ripley CIMIS	Blythe NE CIMIS	Ehrenberg 2E NWS	Parker NWS	Blythe NWS	Palo Verde II CIMIS
12/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/ 4	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
12/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
12/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/ 8	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
12/ 9	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58
12/10	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20
12/11	0.24	0.13	0.00	0.04	0.08	0.00	0.40	0.00	1.28
12/12	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.03	0.07
12/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
12/16	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
12/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/23	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01
12/24	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/25	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00
12/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
12/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual Total	**3.07**	4.37	2.01	1.10	2.34	0.75	4.43	2.68	6.93

Yuma Area Average Precipitation Table

	Avg. Daily Precip.	Yuma Valley AZMET	North Gila AZMET	Yuma Mesa AZMET	Yuma Citrus NWS	Yuma Proving Ground NWS	Yuma Quartermaster Dep. NWS
Annual Total	**2.12**	1.81	2.07	2.01	1.02	3.60	2.05

2003 - YUMA ARIZONA AREA AVERAGE DAILY PRECIPITATION (inches)

Date	Avg. Daily Precip.	Yuma Valley AZMET	North Gila AZMET	Yuma Mesa AZMET	Yuma Citrus NWS	Yuma Proving Ground NWS	Yuma Quartermaster Dep. NWS
1/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/ 6	0.01	0.02	0.00	0.01	0.00	0.00	0.05
1/ 7	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1/ 8	0.01	0.00	0.00	0.03	0.00	0.00	0.02
1/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/31	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - YUMA ARIZONA AREA AVERAGE DAILY PRECIPITATION (inches)

Date	Avg. Daily Precip.	Yuma Valley AZMET	North Gila AZMET	Yuma Mesa AZMET	Yuma Citrus NWS	Yuma Proving Ground NWS	Yuma Quartermaster Dep. NWS
2/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/12	0.19	0.31	0.20	0.33	0.00	0.26	0.01
2/13	0.41	0.23	0.30	0.29	0.62	0.38	0.61
2/14	0.02	0.03	0.03	0.00	0.00	0.02	0.05
2/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/25	0.37	0.58	0.49	0.32	0.00	0.83	0.00
2/26	0.16	0.00	0.00	0.00	0.40	0.00	0.54
2/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - YUMA ARIZONA AREA AVERAGE DAILY PRECIPITATION (inches)

Date	Avg. Daily Precip.	Yuma Valley AZMET	North Gila AZMET	Yuma Mesa AZMET	Yuma Citrus NWS	Yuma Proving Ground NWS	Yuma Quartermaster Dep. NWS
3/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/15	0.03	0.05	0.02	0.02	0.00	0.03	0.06
3/16	0.12	0.00	0.16	0.25	0.00	0.27	0.02
3/17	0.02	0.05	0.00	0.01	0.00	0.05	0.00
3/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/31	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - YUMA ARIZONA AREA AVERAGE DAILY PRECIPITATION (inches)

Date	Avg. Daily Precip.	Yuma Valley AZMET	North Gila AZMET	Yuma Mesa AZMET	Yuma Citrus NWS	Yuma Proving Ground NWS	Yuma Quartermaster Dep. NWS
4/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/14	0.01	0.00	0.00	0.00	0.00	0.04	0.00
4/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - YUMA ARIZONA AREA AVERAGE DAILY PRECIPITATION (inches)

Date	Avg. Daily Precip.	Yuma Valley AZMET	North Gila AZMET	Yuma Mesa AZMET	Yuma Citrus NWS	Yuma Proving Ground NWS	Yuma Quartermaster Dep. NWS
5/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/31	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - YUMA ARIZONA AREA AVERAGE DAILY PRECIPITATION (inches)

Date	Avg. Daily Precip.	Yuma Valley AZMET	North Gila AZMET	Yuma Mesa AZMET	Yuma Citrus NWS	Yuma Proving Ground NWS	Yuma Quartermaster Dep. NWS
6/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - YUMA ARIZONA AREA AVERAGE DAILY PRECIPITATION (inches)

Date	Avg. Daily Precip.	Yuma Valley AZMET	North Gila AZMET	Yuma Mesa AZMET	Yuma Citrus NWS	Yuma Proving Ground NWS	Yuma Quartermaster Dep. NWS
7/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/25	0.02	0.02	0.06	0.00	0.00	0.02	0.00
7/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/28	0.11	0.00	0.06	0.01	0.00	0.57	0.00
7/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/30	0.00	0.00	0.00	0.01	0.00	0.00	0.00
7/31	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - YUMA ARIZONA AREA AVERAGE DAILY PRECIPITATION (inches)

Date	Avg. Daily Precip.	Yuma Valley AZMET	North Gila AZMET	Yuma Mesa AZMET	Yuma Citrus NWS	Yuma Proving Ground NWS	Yuma Quartermaster Dep. NWS
8/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/15	0.06	0.07	0.03	0.10	0.00	0.01	0.17
8/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/20	0.13	0.00	0.15	0.19	0.00	0.41	0.00
8/21	0.01	0.00	0.00	0.00	0.00	0.00	0.05
8/22	0.02	0.00	0.02	0.00	0.00	0.09	0.00
8/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/24	0.00	0.01	0.00	0.00	0.00	0.00	0.00
8/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/27	0.00	0.01	0.00	0.00	0.00	0.00	0.00
8/28	0.01	0.00	0.00	0.00	0.00	0.00	0.04
8/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/31	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - YUMA ARIZONA AREA AVERAGE DAILY PRECIPITATION (inches)

Date	Avg. Daily Precip.	Yuma Valley AZMET	North Gila AZMET	Yuma Mesa AZMET	Yuma Citrus NWS	Yuma Proving Ground NWS	Yuma Quartermaster Dep. NWS
9/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/23	0.01	0.02	0.05	0.00	0.00	0.00	0.00
9/24	0.01	0.00	0.00	0.01	0.00	0.03	0.00
9/25	0.03	0.00	0.05	0.00	0.00	0.15	0.00
9/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - YUMA ARIZONA AREA AVERAGE DAILY PRECIPITATION (inches)

Date	Avg. Daily Precip.	Yuma Valley AZMET	North Gila AZMET	Yuma Mesa AZMET	Yuma Citrus NWS	Yuma Proving Ground NWS	Yuma Quartermaster Dep. NWS
10/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 - YUMA ARIZONA AREA AVERAGE DAILY PRECIPITATION (inches)

Date	Avg. Daily Precip.	Yuma Valley AZMET	North Gila AZMET	Yuma Mesa AZMET	Yuma Citrus NWS	Yuma Proving Ground NWS	Yuma Quartermaster Dep. NWS
11/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/11	0.08	0.01	0.02	0.01	0.00	0.02	0.40
11/12	0.27	0.39	0.40	0.42	0.00	0.39	0.01
11/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Page 12 of 12		2003 - YUMA ARIZONA AREA AVERAGE DAILY PRECIPITATION (inches)					
Date	Avg. Daily Precip.	Yuma Valley AZMET	North Gila AZMET	Yuma Mesa AZMET	Yuma Citrus NWS	Yuma Proving Ground NWS	Yuma Quartermaster Dep. NWS
12/ 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/ 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/ 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/ 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/ 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/ 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/ 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/ 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/ 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/23	0.00	0.00	0.00	0.00	0.00	0.00	0.02
12/24	0.01	0.00	0.03	0.00	0.00	0.02	0.00
12/25	0.00	0.00	0.00	0.00	0.00	0.01	0.00
12/26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual Total	**2.12**	1.81	2.07	2.01	1.02	3.60	2.05

FT. Mohave Area

ET-Rate Table

ET calculations for the		Sheet A			2003	ET SUMMARY SHEET								
Ft. Mohave Area ET-Rate Table														
(Sheet has final ET numbers for each crop)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Reference ET, inches														
	3.80	2.95	4.80	6.57	8.26	9.37	8.78	7.83	7.76	5.66	2.38	2.55		70.71
Total Precipitation, inches.														
	0.18	2.38	1.21	0.16	0.00	0.00	0.03	0.72	0.15	0.00	0.22	0.05		5.10
Monthly ET values, inches														
Crop/Phreatophyte														
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74		62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09		38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68		43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00		33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93		21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00		28.43
Lettuce-early	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00		5.54
Lettuce-late	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72		7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00		22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36		15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00		38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26		53.17
Citrus- young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07		24.31
Citrus- mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79		41.44
Citrus- declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25		28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00		25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00		40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53		13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36		12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34		67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00		33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56		53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52		17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38		11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09		52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47		30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00		34.22
Herbs-misc	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27		11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53		58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53		42.31
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64		67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74		12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51		54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52		61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52		64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52		62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56		65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54		47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66		59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59		56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54		55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60		58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69		51.14

ET calculations for the | Sheet B | 2003 | PRECIPITATION

Ft. Mohave Area ET-Rate Table

(This sheet calculates the total monthly precipitation from averaged daily values from the Mohave AZMET and Bullhead City NWS Weather stations.)

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Precipitation, inches.													
	0.18	2.38	1.21	0.16	0.00	0.00	0.03	0.72	0.15	0.00	0.22	0.05	5.10
Date													
1	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.08	0.06	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	
13	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	
14	0.00	0.02	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.47	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	
17	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.01	
26	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.04	
27	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	
30	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00		0.00		0.00		0.00	0.00		0.00		0.00	

* - Estimated value

ET calculations for the			Sheet C		2003	EFFECTIVE PRECIPITATION								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate effective precipitation)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total Effective Precipitation, inches														
	0.07	0.95	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.02		1.37
Coefficient for Effective Precipitation (from Jensen, 1995)														
	0.4	0.4	0.2	0	0	0	0	0	0	0.4	0.4	0.4		
Effective Precipitation (Precipitation X Effective Precip. coefficient.), inches														
Date														
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
8	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
12	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00		
13	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00		
14	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00		
17	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
26	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
27	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.00		0.00		0.00	0.00		0.00		0.00		

ET calculations for the			Sheet D		2003	Reference ET							
Ft. Mohave Area ET-Rate Table													
(Sheet to store reference ET values from LCRAS_2003_ETo.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Reference ET (inches)													
	3.80	2.95	4.80	6.57	8.26	9.37	8.78	7.83	7.76	5.66	2.38	2.55	70.71
Date													
1	0.13	0.11	0.08	0.26	0.21	0.30	0.34	0.13	0.27	0.20	0.09	0.05	
2	0.21	0.19	0.13	0.22	0.24	0.31	0.32	0.24	0.28	0.21	0.06	0.13	
3	0.13	0.15	0.07	0.16	0.25	0.30	0.29	0.28	0.25	0.17	0.11	0.11	
4	0.12	0.07	0.09	0.21	0.25	0.28	0.29	0.27	0.29	0.17	0.08	0.11	
5	0.13	0.14	0.13	0.19	0.22	0.28	0.31	0.28	0.22	0.15	0.07	0.05	
6	0.31	0.15	0.12	0.17	0.25	0.27	0.34	0.31	0.24	0.14	0.07	0.04	
7	0.24	0.18	0.12	0.24	0.25	0.28	0.31	0.29	0.26	0.15	0.07	0.09	
8	0.05	0.14	0.12	0.28	0.27	0.31	0.32	0.32	0.23	0.15	0.07	0.12	
9	0.05	0.08	0.14	0.19	0.23	0.35	0.28	0.29	0.27	0.16	0.06	0.10	
10	0.04	0.07	0.17	0.20	0.21	0.33	0.31	0.27	0.24	0.19	0.07	0.06	
11	0.08	0.10	0.14	0.22	0.23	0.32	0.35	0.31	0.35	0.27	0.09	0.05	
12	0.06	0.06	0.14	0.23	0.23	0.31	0.31	0.29	0.21	0.17	0.03	0.06	
13	0.09	0.04	0.16	0.24	0.19	0.29	0.33	0.26	0.40	0.31	0.06	0.04	
14	0.05	0.07	0.18	0.24	0.19	0.29	0.30	0.24	0.42	0.16	0.06	0.07	
15	0.12	0.08	0.10	0.19	0.26	0.30	0.24	0.31	0.24	0.16	0.06	0.11	
16	0.20	0.10	0.07	0.18	0.27	0.29	0.36	0.22	0.27	0.14	0.04	0.14	
17	0.20	0.06	0.11	0.21	0.29	0.30	0.31	0.25	0.24	0.15	0.06	0.14	
18	0.21	0.09	0.15	0.19	0.26	0.31	0.30	0.28	0.48	0.15	0.09	0.11	
19	0.07	0.10	0.19	0.21	0.42	0.30	0.27	0.31	0.24	0.13	0.09	0.10	
20	0.07	0.17	0.14	0.18	0.37	0.31	0.27	0.23	0.22	0.21	0.06	0.05	
21	0.06	0.18	0.20	0.26	0.26	0.30	0.29	0.24	0.35	0.17	0.11	0.08	
22	0.07	0.11	0.15	0.20	0.27	0.29	0.31	0.17	0.24	0.12	0.16	0.11	
23	0.10	0.11	0.17	0.22	0.27	0.35	0.23	0.24	0.20	0.11	0.14	0.06	
24	0.12	0.13	0.15	0.22	0.27	0.30	0.17	0.22	0.18	0.29	0.07	0.05	
25	0.15	0.04	0.22	0.23	0.30	0.39	0.21	0.25	0.19	0.39	0.07	0.12	
26	0.17	0.07	0.21	0.25	0.27	0.41	0.16	0.24	0.23	0.31	0.05	0.10	
27	0.07	0.08	0.25	0.25	0.26	0.30	0.24	0.16	0.17	0.16	0.16	0.07	
28	0.07	0.08	0.28	0.26	0.28	0.31	0.26	0.21	0.19	0.14	0.12	0.06	
29	0.11		0.24	0.26	0.34	0.35	0.21	0.24	0.20	0.08	0.06	0.03	
30	0.14		0.21	0.21	0.34	0.34	0.29	0.24	0.19	0.22	0.05	0.09	
31	0.18		0.17		0.31		0.26	0.24		0.13		0.05	
* - Estimated value													

ET calculations for the			Sheet E: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Alfalfa-1a perennial)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74		62.94
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.14	0.08	0.08	0.23	0.11	0.33	0.38	0.14	0.21	0.22	0.10	0.05		
2	0.23	0.14	0.14	0.20	0.13	0.34	0.35	0.26	0.23	0.08	0.07	0.12		
3	0.14	0.11	0.08	0.15	0.15	0.33	0.32	0.31	0.21	0.06	0.12	0.11		
4	0.13	0.06	0.10	0.21	0.15	0.10	0.32	0.30	0.26	0.07	0.09	0.11		
5	0.14	0.11	0.14	0.19	0.14	0.10	0.34	0.31	0.21	0.06	0.08	0.05		
6	0.34	0.13	0.13	0.18	0.17	0.11	0.38	0.34	0.24	0.06	0.08	0.04		
7	0.26	0.16	0.13	0.26	0.18	0.13	0.34	0.32	0.27	0.07	0.08	0.10		
8	-0.02	0.13	0.13	0.31	0.20	0.16	0.35	0.35	0.25	0.08	0.08	0.13		
9	0.06	0.07	0.15	0.21	0.18	0.19	0.31	0.32	0.30	0.09	0.07	0.11		
10	0.04	0.07	0.19	0.22	0.17	0.20	0.34	0.30	0.26	0.11	0.08	0.07		
11	0.09	0.10	0.15	0.24	0.19	0.21	0.39	0.34	0.39	0.17	0.10	0.06		
12	0.07	-0.03	0.15	0.25	0.20	0.21	0.34	0.32	0.23	0.11	-0.04	0.07		
13	0.10	-0.23	0.18	0.26	0.17	0.21	0.36	0.29	0.44	0.21	0.01	0.04		
14	0.06	0.07	0.20	0.26	0.17	0.23	0.11	0.26	0.46	0.12	0.02	0.08		
15	0.04	0.09	0.02	0.21	0.25	0.25	0.09	0.34	0.26	0.12	0.02	0.12		
16	0.07	0.11	-0.10	0.20	0.26	0.25	0.15	0.24	0.30	0.11	-0.01	0.15		
17	0.07	0.07	0.03	0.23	0.29	0.28	0.14	0.28	0.26	0.12	0.02	0.15		
18	0.08	0.10	0.06	0.21	0.27	0.30	0.15	0.31	0.53	0.13	0.04	0.12		
19	0.03	0.11	0.07	0.23	0.45	0.30	0.15	0.34	0.26	0.11	0.04	0.11		
20	0.03	0.19	0.06	0.20	0.41	0.33	0.17	0.25	0.24	0.19	0.03	0.06		
21	0.02	0.20	0.09	0.29	0.29	0.33	0.19	0.26	0.39	0.16	0.06	0.09		
22	0.03	0.12	0.07	0.22	0.30	0.32	0.22	0.19	0.26	0.12	0.09	0.12		
23	0.05	0.12	0.09	0.24	0.30	0.39	0.17	0.09	0.22	0.11	0.09	0.07		
24	0.06	0.14	0.08	0.24	0.30	0.33	0.14	0.08	0.20	0.30	0.05	0.06		
25	0.08	-0.34	0.13	0.08	0.33	0.43	0.18	0.10	0.21	0.42	0.05	0.13		
26	0.09	-0.06	0.13	0.09	0.30	0.45	0.15	0.11	0.25	0.34	0.04	0.09		
27	0.04	0.04	0.17	0.10	0.29	0.33	0.23	0.08	0.19	0.18	0.12	0.08		
28	0.04	0.09	0.20	0.11	0.31	0.34	0.26	0.12	0.21	0.15	0.10	0.07		
29	0.07		0.18	0.12	0.38	0.39	0.22	0.15	0.22	0.09	0.05	0.03		
30	0.09		0.17	0.10	0.38	0.38	0.32	0.16	0.21	0.24	0.04	0.10		
31	0.12		0.14		0.34		0.29	0.17		0.14		0.06		

(Daily Kc values)		Sheet E: Page 2 of 2			2003	CROP ET						
Alfalfa-perennial												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	1.104	0.707	1.104	0.871	0.521	1.104	1.104	1.104	0.760	1.104	1.104	0.920
2	1.104	0.736	1.104	0.910	0.552	1.104	1.104	1.104	0.809	0.368	1.104	0.956
3	1.104	0.764	1.104	0.949	0.582	1.104	1.104	1.104	0.858	0.368	1.104	0.993
4	1.104	0.792	1.104	0.987	0.613	0.368	1.104	1.104	0.907	0.400	1.104	1.030
5	1.104	0.821	1.104	1.026	0.644	0.368	1.104	1.104	0.956	0.432	1.104	1.067
6	1.104	0.849	1.104	1.065	0.674	0.414	1.104	1.104	1.006	0.464	1.104	1.104
7	1.104	0.877	1.104	1.104	0.705	0.460	1.104	1.104	1.055	0.496	1.104	1.104
8	1.104	0.906	1.104	1.104	0.736	0.506	1.104	1.104	1.104	0.528	1.104	1.104
9	1.104	0.934	1.104	1.104	0.766	0.552	1.104	1.104	1.104	0.560	1.104	1.104
10	1.104	0.962	1.104	1.104	0.797	0.598	1.104	1.104	1.104	0.592	1.104	1.104
11	1.104	0.990	1.104	1.104	0.828	0.644	1.104	1.104	1.104	0.624	1.104	1.104
12	1.104	1.019	1.104	1.104	0.858	0.690	1.104	1.104	1.104	0.656	0.368	1.104
13	1.104	1.047	1.104	1.104	0.889	0.736	1.104	1.104	1.104	0.688	0.368	1.104
14	1.104	1.075	1.104	1.104	0.920	0.782	0.368	1.104	1.104	0.720	0.368	1.104
15	0.368	1.104	1.104	1.104	0.950	0.828	0.368	1.104	1.104	0.752	0.368	1.104
16	0.368	1.104	0.368	1.104	0.981	0.874	0.417	1.104	1.104	0.784	0.368	1.104
17	0.368	1.104	0.368	1.104	1.012	0.920	0.466	1.104	1.104	0.816	0.405	1.104
18	0.368	1.104	0.368	1.104	1.042	0.966	0.515	1.104	1.104	0.848	0.441	1.104
19	0.368	1.104	0.368	1.104	1.073	1.012	0.564	1.104	1.104	0.880	0.478	1.104
20	0.368	1.104	0.407	1.104	1.104	1.058	0.613	1.104	1.104	0.912	0.515	1.104
21	0.396	1.104	0.445	1.104	1.104	1.104	0.662	1.104	1.104	0.944	0.552	1.104
22	0.424	1.104	0.484	1.104	1.104	1.104	0.711	1.104	1.104	0.976	0.589	1.104
23	0.453	1.104	0.523	1.104	1.104	1.104	0.760	0.368	1.104	1.008	0.625	1.104
24	0.481	1.104	0.562	1.104	1.104	1.104	0.809	0.368	1.104	1.040	0.662	1.104
25	0.509	1.104	0.600	0.368	1.104	1.104	0.858	0.417	1.104	1.072	0.699	1.104
26	0.538	1.104	0.639	0.368	1.104	1.104	0.907	0.466	1.104	1.104	0.736	1.104
27	0.566	1.104	0.678	0.399	1.104	1.104	0.956	0.515	1.104	1.104	0.773	1.104
28	0.594	1.104	0.716	0.429	1.104	1.104	1.006	0.564	1.104	1.104	0.809	1.104
29	0.623		0.755	0.460	1.104	1.104	1.055	0.613	1.104	1.104	0.846	1.104
30	0.651		0.794	0.491	1.104	1.104	1.104	0.662	1.104	1.104	0.883	1.104
31	0.679		0.833		1.104		1.104	0.711		1.104		1.104

ET calculations for the			Sheet F: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Alfalfa-1b annual)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09		38.83
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.06	0.09	0.09	0.15	0.24	0.13	0.31	0.00	0.00	0.00	0.00	0.02		
2	0.09	0.16	0.15	0.13	0.28	0.14	0.29	0.00	0.00	0.00	0.00	0.06		
3	0.06	0.13	0.08	0.10	0.29	0.13	0.27	0.00	0.00	0.00	0.00	0.05		
4	0.05	0.06	0.10	0.14	0.29	0.12	0.28	0.00	0.00	0.00	0.00	0.05		
5	0.06	0.13	0.15	0.13	0.26	0.12	0.30	0.00	0.00	0.00	0.00	0.02		
6	0.14	0.14	0.14	0.12	0.29	0.12	0.34	0.00	0.00	0.00	0.00	0.02		
7	0.10	0.17	0.14	0.17	0.29	0.13	0.31	0.00	0.00	0.00	0.00	0.04		
8	-0.05	0.14	0.14	0.20	0.32	0.15	0.33	0.00	0.00	0.00	0.00	0.05		
9	0.02	0.08	0.16	0.14	0.27	0.17	0.29	0.00	0.00	0.00	0.00	0.04		
10	0.02	0.07	0.20	0.15	0.25	0.17	0.33	0.00	0.00	0.00	0.00	0.03		
11	0.04	0.10	0.16	0.17	0.27	0.17	0.38	0.00	0.00	0.00	0.00	0.02		
12	0.03	-0.03	0.16	0.18	0.27	0.17	0.34	0.00	0.00	0.00	0.00	0.03		
13	0.05	-0.23	0.18	0.19	0.22	0.17	0.37	0.00	0.00	0.00	0.00	0.02		
14	0.03	0.07	0.21	0.20	0.22	0.17	0.34	0.00	0.00	0.00	0.00	0.03		
15	0.07	0.09	0.02	0.16	0.31	0.18	0.28	0.00	0.00	0.00	0.00	0.05		
16	0.11	0.11	-0.10	0.16	0.32	0.18	0.42	0.00	0.00	0.00	0.00	0.06		
17	0.12	0.07	0.03	0.19	0.34	0.19	0.36	0.00	0.00	0.00	0.00	0.06		
18	0.13	0.10	0.07	0.17	0.31	0.21	0.35	0.00	0.00	0.00	0.00	0.05		
19	0.04	0.12	0.08	0.19	0.49	0.20	0.32	0.00	0.00	0.00	0.00	0.04		
20	0.04	0.20	0.06	0.17	0.43	0.22	0.32	0.00	0.00	0.00	0.00	0.02		
21	0.04	0.21	0.09	0.25	0.31	0.22	0.34	0.00	0.00	0.00	0.00	0.03		
22	0.05	0.13	0.07	0.19	0.32	0.21	0.36	0.00	0.00	0.00	0.00	0.05		
23	0.07	0.13	0.08	0.22	0.32	0.26	0.27	0.00	0.00	0.00	0.00	0.03		
24	0.08	0.15	0.07	0.22	0.32	0.23	0.20	0.00	0.00	0.00	0.00	0.02		
25	0.11	-0.33	0.10	0.24	0.35	0.31	0.25	0.00	0.00	0.00	0.00	0.05		
26	0.13	-0.06	0.10	0.26	0.32	0.33	0.19	0.00	0.00	0.00	0.00	0.03		
27	0.05	0.04	0.12	0.27	0.31	0.25	0.28	0.00	0.00	0.00	0.00	0.03		
28	0.05	0.09	0.14	0.28	0.33	0.26	0.31	0.00	0.00	0.00	0.00	0.03		
29	0.09		0.13	0.29	0.15	0.30	0.25	0.00	0.00	0.00	0.00	0.01		
30	0.11		0.12	0.24	0.15	0.30	0.34	0.00	0.00	0.00	0.00	0.04		
31	0.15		0.10		0.14		0.31	0.00		0.00		0.02		

(Daily Kc values)		Sheet F: Page 2 of 2			2003	CROP ET						
Alfalfa-annual												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.436	0.848	1.152	0.589	1.138	0.442	0.900	0.000	0.000	0.000	0.000	0.436
2	0.436	0.866	1.152	0.607	1.156	0.442	0.918	0.000	0.000	0.000	0.000	0.436
3	0.436	0.884	1.152	0.625	1.175	0.442	0.937	0.000	0.000	0.000	0.000	0.436
4	0.436	0.902	1.152	0.644	1.175	0.442	0.955	0.000	0.000	0.000	0.000	0.436
5	0.436	0.920	1.152	0.662	1.175	0.442	0.973	0.000	0.000	0.000	0.000	0.436
6	0.436	0.938	1.152	0.680	1.175	0.442	0.992	0.000	0.000	0.000	0.000	0.436
7	0.436	0.955	1.152	0.699	1.175	0.461	1.010	0.000	0.000	0.000	0.000	0.436
8	0.436	0.973	1.152	0.717	1.175	0.479	1.028	0.000	0.000	0.000	0.000	0.436
9	0.436	0.991	1.152	0.735	1.175	0.497	1.046	0.000	0.000	0.000	0.000	0.436
10	0.454	1.009	1.152	0.754	1.175	0.516	1.065	0.000	0.000	0.000	0.000	0.436
11	0.472	1.027	1.152	0.772	1.175	0.534	1.083	0.000	0.000	0.000	0.000	0.436
12	0.490	1.045	1.152	0.790	1.175	0.552	1.101	0.000	0.000	0.000	0.000	0.436
13	0.508	1.063	1.152	0.808	1.175	0.570	1.120	0.000	0.000	0.000	0.000	0.436
14	0.526	1.081	1.152	0.827	1.175	0.589	1.138	0.000	0.000	0.000	0.000	0.436
15	0.544	1.099	1.152	0.845	1.175	0.607	1.156	0.000	0.000	0.000	0.000	0.436
16	0.562	1.117	0.442	0.863	1.175	0.625	1.175	0.000	0.000	0.000	0.000	0.436
17	0.579	1.135	0.442	0.882	1.175	0.644	1.175	0.000	0.000	0.000	0.000	0.436
18	0.597	1.152	0.442	0.900	1.175	0.662	1.175	0.000	0.000	0.000	0.000	0.436
19	0.615	1.152	0.442	0.918	1.175	0.680	1.175	0.000	0.000	0.000	0.000	0.436
20	0.633	1.152	0.442	0.937	1.175	0.699	1.175	0.000	0.000	0.000	0.000	0.436
21	0.651	1.152	0.442	0.955	1.175	0.717	1.175	0.000	0.000	0.000	0.000	0.436
22	0.669	1.152	0.442	0.973	1.175	0.735	1.175	0.000	0.000	0.000	0.000	0.436
23	0.687	1.152	0.442	0.992	1.175	0.754	1.175	0.000	0.000	0.000	0.000	0.436
24	0.705	1.152	0.442	1.010	1.175	0.772	1.175	0.000	0.000	0.000	0.000	0.436
25	0.723	1.152	0.461	1.028	1.175	0.790	1.175	0.000	0.000	0.000	0.000	0.436
26	0.741	1.152	0.479	1.046	1.175	0.808	1.175	0.000	0.000	0.000	0.000	0.436
27	0.758	1.152	0.497	1.065	1.175	0.827	1.175	0.000	0.000	0.000	0.000	0.436
28	0.776	1.152	0.516	1.083	1.175	0.845	1.175	0.000	0.000	0.000	0.000	0.436
29	0.794		0.534	1.101	0.442	0.863	1.175	0.000	0.000	0.000	0.000	0.436
30	0.812		0.552	1.120	0.442	0.882	1.175	0.000	0.000	0.000	0.000	0.436
31	0.830		0.570		0.442		1.175	0.000		0.000		0.436

ET calculations for the			Sheet G: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Alfalfa-1c seed)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68		43.70
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.04	0.05	0.06	0.09	0.10	0.26	0.11	0.06	0.23	0.17	0.10	0.04		
2	0.07	0.10	0.11	0.07	0.12	0.27	0.11	0.12	0.25	0.18	0.07	0.11		
3	0.04	0.08	0.06	0.05	0.12	0.27	0.10	0.14	0.23	0.16	0.12	0.10		
4	0.04	0.04	0.08	0.07	0.13	0.25	0.10	0.14	0.27	0.16	0.09	0.10		
5	0.04	0.07	0.12	0.06	0.11	0.26	0.10	0.15	0.21	0.15	0.08	0.05		
6	0.11	0.08	0.11	0.06	0.13	0.25	0.12	0.17	0.23	0.14	0.08	0.04		
7	0.08	0.10	0.11	0.08	0.13	0.27	0.11	0.16	0.25	0.16	0.08	0.09		
8	-0.05	0.08	0.11	0.10	0.15	0.30	0.11	0.18	0.23	0.16	0.08	0.13		
9	0.02	0.05	0.14	0.07	0.13	0.35	0.10	0.16	0.27	0.18	0.07	0.11		
10	0.01	0.04	0.17	0.07	0.12	0.33	0.11	0.15	0.25	0.21	0.08	0.07		
11	0.03	0.06	0.14	0.08	0.13	0.33	0.12	0.18	0.37	0.30	0.10	0.06		
12	0.02	-0.06	0.14	0.08	0.13	0.32	0.11	0.17	0.22	0.19	-0.01	0.07		
13	0.03	-0.25	0.17	0.09	0.11	0.31	0.12	0.16	0.43	0.34	0.05	0.04		
14	0.02	0.04	0.19	0.09	0.12	0.31	0.11	0.15	0.46	0.18	0.07	0.08		
15	0.05	0.05	0.01	0.07	0.16	0.33	0.09	0.20	0.09	0.18	0.02	0.12		
16	0.08	0.07	-0.05	0.07	0.17	0.10	0.14	0.14	0.10	0.15	-0.01	0.15		
17	0.08	0.04	0.02	0.08	0.19	0.10	0.12	0.16	0.10	0.17	0.02	0.15		
18	0.08	0.06	0.05	0.07	0.17	0.10	0.12	0.19	0.21	0.17	0.03	0.12		
19	0.03	0.07	0.06	0.08	0.28	0.10	0.11	0.21	0.11	0.14	0.03	0.11		
20	0.03	0.12	0.05	0.07	0.25	0.10	0.11	0.16	0.11	0.23	0.02	0.06		
21	0.02	0.13	0.07	0.11	0.18	0.10	0.12	0.17	0.18	0.19	0.05	0.09		
22	0.03	0.08	0.05	0.08	0.19	0.09	0.13	0.12	0.13	0.13	0.08	0.12		
23	0.04	0.08	0.06	0.09	0.19	0.11	0.10	0.18	0.12	0.12	0.07	0.07		
24	0.05	0.10	0.05	0.09	0.20	0.10	0.07	0.17	0.11	0.32	0.04	0.06		
25	0.07	-0.35	0.07	0.10	0.23	0.13	0.09	0.19	0.12	0.43	0.04	0.13		
26	0.08	-0.08	0.07	0.11	0.21	0.13	0.07	0.19	0.16	0.34	0.03	0.09		
27	0.03	0.01	0.08	0.11	0.20	0.10	0.11	0.13	0.12	0.18	0.11	0.08		
28	0.03	0.07	0.09	0.12	0.22	0.10	0.12	0.17	0.14	0.15	0.08	0.07		
29	0.05		0.08	0.12	0.27	0.11	0.10	0.20	0.16	0.09	0.04	0.03		
30	0.07		0.07	0.10	0.28	0.11	0.14	0.20	0.16	0.24	0.04	0.10		
31	0.09		0.06		0.26		0.12	0.20		0.14		0.06		

(Daily Kc values)		Sheet G: Page 2 of 2			2003	CROP ET						
Alfalfa-seed												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.330	0.495	0.839	0.329	0.478	0.854	0.329	0.486	0.870	0.848	1.104	0.809
2	0.332	0.504	0.854	0.330	0.486	0.870	0.330	0.495	0.887	0.880	1.104	0.846
3	0.334	0.513	0.870	0.332	0.495	0.887	0.332	0.504	0.903	0.912	1.104	0.883
4	0.336	0.523	0.887	0.334	0.504	0.903	0.334	0.513	0.920	0.944	1.104	0.920
5	0.339	0.533	0.903	0.336	0.513	0.920	0.336	0.523	0.937	0.976	1.104	0.956
6	0.342	0.543	0.920	0.339	0.523	0.937	0.339	0.533	0.954	1.008	1.104	0.993
7	0.345	0.553	0.937	0.342	0.533	0.954	0.342	0.543	0.971	1.040	1.104	1.030
8	0.348	0.564	0.954	0.345	0.543	0.971	0.345	0.553	0.989	1.072	1.104	1.067
9	0.351	0.574	0.971	0.348	0.553	0.989	0.348	0.564	1.006	1.104	1.104	1.104
10	0.355	0.585	0.989	0.351	0.564	1.006	0.351	0.574	1.024	1.104	1.104	1.104
11	0.359	0.597	1.006	0.355	0.574	1.024	0.355	0.585	1.043	1.104	1.104	1.104
12	0.363	0.608	1.024	0.359	0.585	1.043	0.359	0.597	1.061	1.104	1.104	1.104
13	0.367	0.620	1.043	0.363	0.597	1.061	0.363	0.608	1.080	1.104	1.104	1.104
14	0.372	0.632	1.061	0.367	0.608	1.080	0.367	0.620	1.099	1.104	1.104	1.104
15	0.377	0.644	1.080	0.372	0.620	1.099	0.372	0.632	0.368	1.104	0.368	1.104
16	0.382	0.656	1.099	0.377	0.632	0.334	0.377	0.644	0.368	1.104	0.368	1.104
17	0.387	0.669	0.334	0.382	0.644	0.332	0.382	0.656	0.400	1.104	0.368	1.104
18	0.393	0.682	0.332	0.387	0.656	0.330	0.387	0.669	0.432	1.104	0.368	1.104
19	0.398	0.695	0.330	0.393	0.669	0.329	0.393	0.682	0.464	1.104	0.368	1.104
20	0.404	0.708	0.329	0.398	0.682	0.328	0.398	0.695	0.496	1.104	0.405	1.104
21	0.411	0.722	0.328	0.404	0.695	0.326	0.404	0.708	0.528	1.104	0.441	1.104
22	0.417	0.735	0.326	0.411	0.708	0.326	0.411	0.722	0.560	1.104	0.478	1.104
23	0.424	0.750	0.326	0.417	0.722	0.325	0.417	0.735	0.592	1.104	0.515	1.104
24	0.431	0.764	0.325	0.424	0.735	0.325	0.424	0.750	0.624	1.104	0.552	1.104
25	0.438	0.778	0.325	0.431	0.750	0.325	0.431	0.764	0.656	1.104	0.589	1.104
26	0.445	0.793	0.325	0.438	0.764	0.325	0.438	0.778	0.688	1.104	0.625	1.104
27	0.453	0.808	0.325	0.445	0.778	0.325	0.445	0.793	0.720	1.104	0.662	1.104
28	0.461	0.823	0.325	0.453	0.793	0.326	0.453	0.808	0.752	1.104	0.699	1.104
29	0.469		0.326	0.461	0.808	0.326	0.461	0.823	0.784	1.104	0.736	1.104
30	0.478		0.326	0.469	0.823	0.328	0.469	0.839	0.816	1.104	0.773	1.104
31	0.486		0.328		0.839		0.478	0.854		1.104		1.104

ET calculations for the			Sheet H: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Cotton)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00		33.57
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.00	0.00	0.04	0.12	0.26	0.14	0.30	0.13	0.00	0.00		
2	0.00	0.00	0.00	0.00	0.05	0.13	0.24	0.27	0.31	0.14	0.00	0.00		
3	0.00	0.00	0.00	0.00	0.05	0.13	0.22	0.31	0.28	0.11	0.00	0.00		
4	0.00	0.00	0.00	0.00	0.05	0.12	0.23	0.30	0.32	0.10	0.00	0.00		
5	0.00	0.00	0.00	0.00	0.04	0.13	0.25	0.31	0.25	0.09	0.00	0.00		
6	0.00	0.00	0.00	0.00	0.05	0.12	0.27	0.35	0.27	0.08	0.00	0.00		
7	0.00	0.00	0.00	0.00	0.05	0.13	0.25	0.32	0.29	0.00	0.00	0.00		
8	0.00	0.00	0.00	0.00	0.05	0.15	0.27	0.36	0.26	0.00	0.00	0.00		
9	0.00	0.00	0.00	0.00	0.05	0.17	0.24	0.32	0.30	0.00	0.00	0.00		
10	0.00	0.00	0.00	0.04	0.04	0.17	0.26	0.30	0.27	0.00	0.00	0.00		
11	0.00	0.00	0.00	0.04	0.05	0.17	0.30	0.35	0.39	0.00	0.00	0.00		
12	0.00	0.00	0.00	0.05	0.05	0.16	0.27	0.32	0.23	0.00	0.00	0.00		
13	0.00	0.00	0.00	0.05	0.04	0.16	0.29	0.29	0.43	0.00	0.00	0.00		
14	0.00	0.00	0.00	0.05	0.04	0.16	0.27	0.27	0.44	0.00	0.00	0.00		
15	0.00	0.00	0.00	0.04	0.05	0.17	0.22	0.35	0.25	0.00	0.00	0.00		
16	0.00	0.00	0.00	0.04	0.06	0.17	0.33	0.25	0.27	0.00	0.00	0.00		
17	0.00	0.00	0.00	0.04	0.07	0.18	0.29	0.28	0.24	0.00	0.00	0.00		
18	0.00	0.00	0.00	0.04	0.06	0.19	0.28	0.31	0.46	0.00	0.00	0.00		
19	0.00	0.00	0.00	0.04	0.11	0.18	0.26	0.35	0.23	0.00	0.00	0.00		
20	0.00	0.00	0.00	0.04	0.10	0.19	0.26	0.26	0.20	0.00	0.00	0.00		
21	0.00	0.00	0.00	0.05	0.07	0.19	0.28	0.27	0.31	0.00	0.00	0.00		
22	0.00	0.00	0.00	0.04	0.08	0.19	0.31	0.19	0.21	0.00	0.00	0.00		
23	0.00	0.00	0.00	0.04	0.08	0.23	0.23	0.27	0.17	0.00	0.00	0.00		
24	0.00	0.00	0.00	0.04	0.08	0.20	0.17	0.25	0.15	0.00	0.00	0.00		
25	0.00	0.00	0.00	0.05	0.10	0.27	0.22	0.28	0.15	0.00	0.00	0.00		
26	0.00	0.00	0.00	0.05	0.09	0.28	0.17	0.27	0.18	0.00	0.00	0.00		
27	0.00	0.00	0.00	0.05	0.09	0.21	0.25	0.18	0.13	0.00	0.00	0.00		
28	0.00	0.00	0.00	0.05	0.10	0.22	0.28	0.23	0.14	0.00	0.00	0.00		
29	0.00		0.00	0.05	0.13	0.25	0.23	0.27	0.14	0.00	0.00	0.00		
30	0.00		0.00	0.04	0.13	0.25	0.31	0.27	0.13	0.00	0.00	0.00		
31	0.00		0.00		0.12		0.28	0.27		0.00		0.00		

(Daily Kc values)		Sheet H: Page 2 of 2			2003	CROP ET						
Cotton												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.000	0.000	0.000	0.196	0.404	0.750	1.108	1.119	0.669	0.000	0.000
2	0.000	0.000	0.000	0.000	0.196	0.415	0.761	1.119	1.119	0.646	0.000	0.000
3	0.000	0.000	0.000	0.000	0.196	0.427	0.773	1.119	1.119	0.624	0.000	0.000
4	0.000	0.000	0.000	0.000	0.196	0.438	0.784	1.119	1.119	0.601	0.000	0.000
5	0.000	0.000	0.000	0.000	0.196	0.450	0.796	1.119	1.119	0.579	0.000	0.000
6	0.000	0.000	0.000	0.000	0.196	0.461	0.808	1.119	1.119	0.556	0.000	0.000
7	0.000	0.000	0.000	0.000	0.196	0.473	0.819	1.119	1.119	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.196	0.485	0.831	1.119	1.119	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.196	0.496	0.842	1.119	1.119	0.000	0.000	0.000
10	0.000	0.000	0.000	0.196	0.196	0.508	0.854	1.119	1.119	0.000	0.000	0.000
11	0.000	0.000	0.000	0.196	0.196	0.519	0.865	1.119	1.119	0.000	0.000	0.000
12	0.000	0.000	0.000	0.196	0.196	0.531	0.877	1.119	1.097	0.000	0.000	0.000
13	0.000	0.000	0.000	0.196	0.196	0.542	0.888	1.119	1.074	0.000	0.000	0.000
14	0.000	0.000	0.000	0.196	0.196	0.554	0.900	1.119	1.052	0.000	0.000	0.000
15	0.000	0.000	0.000	0.196	0.208	0.565	0.911	1.119	1.029	0.000	0.000	0.000
16	0.000	0.000	0.000	0.196	0.219	0.577	0.923	1.119	1.007	0.000	0.000	0.000
17	0.000	0.000	0.000	0.196	0.231	0.588	0.934	1.119	0.984	0.000	0.000	0.000
18	0.000	0.000	0.000	0.196	0.242	0.600	0.946	1.119	0.962	0.000	0.000	0.000
19	0.000	0.000	0.000	0.196	0.254	0.611	0.958	1.119	0.939	0.000	0.000	0.000
20	0.000	0.000	0.000	0.196	0.265	0.623	0.969	1.119	0.916	0.000	0.000	0.000
21	0.000	0.000	0.000	0.196	0.277	0.635	0.981	1.119	0.894	0.000	0.000	0.000
22	0.000	0.000	0.000	0.196	0.288	0.646	0.992	1.119	0.871	0.000	0.000	0.000
23	0.000	0.000	0.000	0.196	0.300	0.658	1.004	1.119	0.849	0.000	0.000	0.000
24	0.000	0.000	0.000	0.196	0.311	0.669	1.015	1.119	0.826	0.000	0.000	0.000
25	0.000	0.000	0.000	0.196	0.323	0.681	1.027	1.119	0.804	0.000	0.000	0.000
26	0.000	0.000	0.000	0.196	0.335	0.692	1.038	1.119	0.781	0.000	0.000	0.000
27	0.000	0.000	0.000	0.196	0.346	0.704	1.050	1.119	0.759	0.000	0.000	0.000
28	0.000	0.000	0.000	0.196	0.358	0.715	1.061	1.119	0.736	0.000	0.000	0.000
29	0.000		0.000	0.196	0.369	0.727	1.073	1.119	0.714	0.000	0.000	0.000
30	0.000		0.000	0.196	0.381	0.738	1.084	1.119	0.691	0.000	0.000	0.000
31	0.000		0.000		0.392		1.096	1.119		0.000		0.000

ET calculations for the			Sheet I: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Small Grains includes oats, rye, barley, millet, and wheat)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93		21.58
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.08	0.12	0.09	0.29	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.01		
2	0.13	0.21	0.15	0.25	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
3	0.08	0.17	0.08	0.18	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
4	0.08	0.08	0.10	0.24	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
5	0.09	0.16	0.15	0.21	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.01		
6	0.21	0.17	0.14	0.19	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.01		
7	0.17	0.20	0.14	0.27	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
8	-0.04	0.16	0.14	0.32	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
9	0.04	0.09	0.16	0.21	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
10	0.03	0.08	0.19	0.23	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
11	0.06	0.11	0.16	0.25	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.01		
12	0.05	-0.03	0.16	0.26	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
13	0.07	-0.23	0.18	0.27	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.01		
14	0.04	0.07	0.20	0.27	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
15	0.10	0.09	0.02	0.21	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
16	0.17	0.11	-0.05	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.05		
17	0.17	0.07	0.11	0.24	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.05		
18	0.18	0.10	0.17	0.21	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
19	0.06	0.11	0.21	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
20	0.06	0.19	0.16	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02		
21	0.06	0.20	0.23	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03		
22	0.07	0.12	0.17	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05		
23	0.10	0.12	0.19	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.03		
24	0.12	0.15	0.17	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02		
25	0.15	-0.33	0.25	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.05		
26	0.17	-0.06	0.24	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03		
27	0.07	0.04	0.28	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.04		
28	0.07	0.09	0.32	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.03		
29	0.12		0.27	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02		
30	0.15		0.24	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05		
31	0.20		0.19		0.00		0.00	0.00		0.00		0.03		

(Daily Kc values)		Sheet I: Page 2 of 2			2003	CROP ET						
Small Grain												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.596	1.111	1.128	1.128	0.866	0.000	0.000	0.000	0.000	0.000	0.000	0.297
2	0.612	1.128	1.128	1.128	0.833	0.000	0.000	0.000	0.000	0.000	0.000	0.297
3	0.629	1.128	1.128	1.128	0.801	0.000	0.000	0.000	0.000	0.000	0.000	0.297
4	0.646	1.128	1.128	1.128	0.768	0.000	0.000	0.000	0.000	0.000	0.000	0.297
5	0.662	1.128	1.128	1.128	0.735	0.000	0.000	0.000	0.000	0.000	0.000	0.297
6	0.679	1.128	1.128	1.128	0.702	0.000	0.000	0.000	0.000	0.000	0.000	0.297
7	0.696	1.128	1.128	1.128	0.670	0.000	0.000	0.000	0.000	0.000	0.000	0.297
8	0.712	1.128	1.128	1.128	0.637	0.000	0.000	0.000	0.000	0.000	0.000	0.297
9	0.729	1.128	1.128	1.128	0.604	0.000	0.000	0.000	0.000	0.000	0.000	0.297
10	0.745	1.128	1.128	1.128	0.572	0.000	0.000	0.000	0.000	0.000	0.000	0.297
11	0.762	1.128	1.128	1.128	0.539	0.000	0.000	0.000	0.000	0.000	0.000	0.297
12	0.779	1.128	1.128	1.128	0.506	0.000	0.000	0.000	0.000	0.000	0.000	0.297
13	0.795	1.128	1.128	1.128	0.473	0.000	0.000	0.000	0.000	0.000	0.000	0.297
14	0.812	1.128	1.128	1.128	0.441	0.000	0.000	0.000	0.000	0.000	0.000	0.297
15	0.829	1.128	1.128	1.128	0.408	0.000	0.000	0.000	0.000	0.000	0.000	0.313
16	0.845	1.128	1.128	1.128	0.375	0.000	0.000	0.000	0.000	0.000	0.000	0.330
17	0.862	1.128	1.128	1.128	0.342	0.000	0.000	0.000	0.000	0.000	0.000	0.347
18	0.878	1.128	1.128	1.128	0.310	0.000	0.000	0.000	0.000	0.000	0.000	0.363
19	0.895	1.128	1.128	1.128	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.380
20	0.912	1.128	1.128	1.128	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.396
21	0.928	1.128	1.128	1.128	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.413
22	0.945	1.128	1.128	1.128	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.430
23	0.961	1.128	1.128	1.128	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.446
24	0.978	1.128	1.128	1.095	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.463
25	0.995	1.128	1.128	1.062	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.479
26	1.011	1.128	1.128	1.030	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.496
27	1.028	1.128	1.128	0.997	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.513
28	1.045	1.128	1.128	0.964	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.529
29	1.061		1.128	0.931	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.546
30	1.078		1.128	0.899	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.563
31	1.094		1.128		0.000		0.000	0.000		0.000		0.579

ET calculations for the			Sheet J: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Field Grain includes field & sweet corn, sorghum, and milo)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00		28.43
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.02	0.15	0.25	0.36	0.23	0.00	0.00	0.00	0.00	0.00		
2	0.00	0.00	0.04	0.13	0.29	0.37	0.20	0.00	0.00	0.00	0.00	0.00		
3	0.00	0.00	0.02	0.10	0.30	0.36	0.18	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.00	0.03	0.13	0.30	0.34	0.17	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.00	0.04	0.12	0.26	0.34	0.17	0.00	0.00	0.00	0.00	0.00		
6	0.00	0.00	0.03	0.11	0.30	0.32	0.18	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.00	0.03	0.17	0.30	0.34	0.15	0.00	0.00	0.00	0.00	0.00		
8	0.00	0.00	0.03	0.20	0.32	0.37	0.15	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.00	0.04	0.14	0.28	0.42	0.00	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.00	0.05	0.15	0.25	0.40	0.00	0.00	0.00	0.00	0.00	0.00		
11	0.00	0.00	0.04	0.17	0.28	0.38	0.00	0.00	0.00	0.00	0.00	0.00		
12	0.00	0.00	0.04	0.19	0.28	0.37	0.00	0.00	0.00	0.00	0.00	0.00		
13	0.00	0.00	0.05	0.20	0.23	0.35	0.00	0.00	0.00	0.00	0.00	0.00		
14	0.00	0.00	0.05	0.21	0.23	0.34	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.00	-0.07	0.17	0.31	0.34	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.00	-0.11	0.16	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00		
17	0.00	0.00	0.02	0.19	0.35	0.32	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.00	0.04	0.18	0.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.00	0.05	0.20	0.50	0.31	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.00	0.04	0.18	0.44	0.31	0.00	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.00	0.06	0.26	0.31	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.00	0.05	0.21	0.32	0.27	0.00	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.00	0.06	0.23	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.00	0.06	0.24	0.32	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	0.00	0.09	0.25	0.36	0.33	0.00	0.00	0.00	0.00	0.00	0.00		
26	0.00	0.00	0.09	0.28	0.32	0.33	0.00	0.00	0.00	0.00	0.00	0.00		
27	0.00	0.00	0.11	0.29	0.31	0.24	0.00	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.00	0.13	0.31	0.34	0.23	0.00	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.12	0.31	0.41	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.11	0.25	0.41	0.24	0.00	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.09		0.37		0.00	0.00		0.00		0.00		

(Daily Kc values)		Sheet J: Page 2 of 2			2003	CROP ET								
Field Grain														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.000	0.000	0.289	0.562	1.199	1.199	0.665	0.000	0.000	0.000	0.000	0.000		
2	0.000	0.000	0.289	0.585	1.199	1.199	0.636	0.000	0.000	0.000	0.000	0.000		
3	0.000	0.000	0.289	0.608	1.199	1.199	0.606	0.000	0.000	0.000	0.000	0.000		
4	0.000	0.000	0.289	0.630	1.199	1.199	0.576	0.000	0.000	0.000	0.000	0.000		
5	0.000	0.000	0.289	0.653	1.199	1.199	0.547	0.000	0.000	0.000	0.000	0.000		
6	0.000	0.000	0.289	0.676	1.199	1.199	0.517	0.000	0.000	0.000	0.000	0.000		
7	0.000	0.000	0.289	0.699	1.199	1.199	0.487	0.000	0.000	0.000	0.000	0.000		
8	0.000	0.000	0.289	0.721	1.199	1.199	0.458	0.000	0.000	0.000	0.000	0.000		
9	0.000	0.000	0.289	0.744	1.199	1.199	0.000	0.000	0.000	0.000	0.000	0.000		
10	0.000	0.000	0.289	0.767	1.199	1.199	0.000	0.000	0.000	0.000	0.000	0.000		
11	0.000	0.000	0.289	0.790	1.199	1.199	0.000	0.000	0.000	0.000	0.000	0.000		
12	0.000	0.000	0.289	0.812	1.199	1.199	0.000	0.000	0.000	0.000	0.000	0.000		
13	0.000	0.000	0.289	0.835	1.199	1.199	0.000	0.000	0.000	0.000	0.000	0.000		
14	0.000	0.000	0.289	0.858	1.199	1.170	0.000	0.000	0.000	0.000	0.000	0.000		
15	0.000	0.000	0.289	0.881	1.199	1.140	0.000	0.000	0.000	0.000	0.000	0.000		
16	0.000	0.000	0.289	0.903	1.199	1.110	0.000	0.000	0.000	0.000	0.000	0.000		
17	0.000	0.000	0.289	0.926	1.199	1.081	0.000	0.000	0.000	0.000	0.000	0.000		
18	0.000	0.000	0.289	0.949	1.199	1.051	0.000	0.000	0.000	0.000	0.000	0.000		
19	0.000	0.000	0.289	0.972	1.199	1.021	0.000	0.000	0.000	0.000	0.000	0.000		
20	0.000	0.000	0.289	0.994	1.199	0.992	0.000	0.000	0.000	0.000	0.000	0.000		
21	0.000	0.000	0.312	1.017	1.199	0.962	0.000	0.000	0.000	0.000	0.000	0.000		
22	0.000	0.000	0.335	1.040	1.199	0.932	0.000	0.000	0.000	0.000	0.000	0.000		
23	0.000	0.000	0.357	1.063	1.199	0.903	0.000	0.000	0.000	0.000	0.000	0.000		
24	0.000	0.000	0.380	1.085	1.199	0.873	0.000	0.000	0.000	0.000	0.000	0.000		
25	0.000	0.000	0.403	1.108	1.199	0.843	0.000	0.000	0.000	0.000	0.000	0.000		
26	0.000	0.000	0.426	1.131	1.199	0.814	0.000	0.000	0.000	0.000	0.000	0.000		
27	0.000	0.000	0.448	1.154	1.199	0.784	0.000	0.000	0.000	0.000	0.000	0.000		
28	0.000	0.000	0.471	1.176	1.199	0.754	0.000	0.000	0.000	0.000	0.000	0.000		
29	0.000		0.494	1.199	1.199	0.725	0.000	0.000	0.000	0.000	0.000	0.000		
30	0.000		0.517	1.199	1.199	0.695	0.000	0.000	0.000	0.000	0.000	0.000		
31	0.000		0.539		1.199		0.000	0.000		0.000		0.000		

ET calculations for the			Sheet K: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Lettuce-6a early Oct 1 - Nov 28)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Lettuce-early	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00		5.54
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.07	0.00		
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.05	0.00		
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.09	0.00		
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.07	0.00		
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.00		
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.06	0.00		
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.00		
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.00		
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.05	0.00		
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.00		
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.09	0.00		
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	-0.02	0.00		
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.04	0.00		
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.00		
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.00		
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.02	0.00		
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.00		
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.00		
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.09	0.00		
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.06	0.00		
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.11	0.00		
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.16	0.00		
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.14	0.00		
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.07	0.00		
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.07	0.00		
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.05	0.00		
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.16	0.00		
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.12	0.00		
29	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00		
30	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00		
31	0.00		0.00		0.00		0.00	0.00		0.10		0.00		

(Daily Kc values)		Sheet K: Page 2 of 2			2003	CROP ET						
Lettuce-early												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.780	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.796	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.813	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.830	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.847	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.864	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.880	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.897	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.914	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.931	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.948	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.964	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.981	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.998	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.998	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.998	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.998	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.998	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.998	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.998	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.595	0.998	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.612	0.998	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.628	0.998	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.645	0.998	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.662	0.998	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.679	0.998	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.696	0.998	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.712	0.998	0.000
29	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.729	0.000	0.000
30	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.746	0.000	0.000
31	0.000		0.000		0.000		0.000	0.000		0.763		0.000

ET calculations for the		Sheet L: Page 1 of 2			2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Lettuce-6b late Dec 20 - Mar 14)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Lettuce-late	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72		7.79
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.11	0.11	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	0.18	0.19	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
3	0.11	0.15	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
4	0.10	0.07	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
5	0.11	0.14	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
6	0.27	0.15	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
7	0.21	0.18	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
8	-0.03	0.14	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
9	0.04	0.08	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10	0.03	0.07	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
11	0.07	0.10	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
12	0.05	-0.04	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
13	0.08	-0.24	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
14	0.04	0.06	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.11	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.18	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
17	0.18	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.19	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.06	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.06	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
21	0.06	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07		
22	0.07	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09		
23	0.09	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05		
24	0.11	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
25	0.14	-0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10		
26	0.16	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07		
27	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06		
28	0.07	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05		
29	0.11		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
30	0.14		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08		
31	0.18		0.00		0.00		0.00	0.00		0.00		0.04		

(Daily Kc values)		Sheet L: Page 2 of 2			2003	CROP ET						
Lettuce-late												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.856	0.997	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.856	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.856	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.856	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.856	1.002	0.990	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.856	1.002	0.978	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.856	1.002	0.965	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.856	1.002	0.953	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.862	1.002	0.941	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.868	1.002	0.928	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.874	1.002	0.916	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.879	1.002	0.904	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.885	1.002	0.891	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.891	1.002	0.879	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.897	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.903	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.909	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.915	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.920	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.926	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856
21	0.932	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856
22	0.938	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856
23	0.944	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856
24	0.950	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856
25	0.956	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856
26	0.961	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856
27	0.967	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856
28	0.973	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856
29	0.979		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856
30	0.985		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856
31	0.991		0.000		0.000		0.000	0.000		0.000		0.856

ET calculations for the		Sheet M: Page 1 of 2			2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Melons-7a spring Feb 25 - Jun 19)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00		22.40
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.04	0.22	0.21	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
2	0.00	0.00	0.08	0.19	0.24	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
3	0.00	0.00	0.04	0.14	0.25	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.00	0.05	0.19	0.25	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.00	0.08	0.18	0.22	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
6	0.00	0.00	0.07	0.16	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.00	0.07	0.23	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
8	0.00	0.00	0.07	0.27	0.27	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.00	0.08	0.19	0.23	0.31	0.00	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.00	0.10	0.20	0.21	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
11	0.00	0.00	0.08	0.22	0.23	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
12	0.00	0.00	0.08	0.23	0.23	0.27	0.00	0.00	0.00	0.00	0.00	0.00		
13	0.00	0.00	0.09	0.24	0.19	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
14	0.00	0.00	0.11	0.24	0.19	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.00	-0.04	0.19	0.26	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.00	-0.09	0.18	0.27	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
17	0.00	0.00	0.05	0.21	0.29	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.00	0.09	0.19	0.26	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.00	0.12	0.21	0.42	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.00	0.09	0.18	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.00	0.13	0.26	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.00	0.10	0.20	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.00	0.12	0.22	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.00	0.11	0.22	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	-0.36	0.16	0.23	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
26	0.00	-0.10	0.16	0.25	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
27	0.00	-0.01	0.19	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.05	0.22	0.26	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.19	0.26	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.17	0.21	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.14		0.29		0.00	0.00		0.00		0.00		

(Daily Kc values)		Sheet M: Page 2 of 2			2003	CROP ET						
Melons-spring												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.000	0.587	0.858	1.011	0.943	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.587	0.875	1.011	0.937	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.587	0.892	1.011	0.932	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.587	0.909	1.011	0.926	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.587	0.926	1.011	0.920	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.587	0.943	1.011	0.915	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.587	0.960	1.011	0.909	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.587	0.977	1.011	0.903	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.587	0.994	1.011	0.898	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.587	1.011	1.011	0.892	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.587	1.011	1.011	0.886	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.587	1.011	1.011	0.880	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.587	1.011	1.011	0.875	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.587	1.011	1.011	0.869	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.587	1.011	1.011	0.863	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.587	1.011	1.011	0.858	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.604	1.011	1.011	0.852	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.621	1.011	1.011	0.846	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.638	1.011	1.011	0.841	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.655	1.011	1.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.672	1.011	1.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.689	1.011	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.706	1.011	0.994	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.723	1.011	0.988	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.587	0.740	1.011	0.983	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.587	0.757	1.011	0.977	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.587	0.774	1.011	0.971	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.587	0.790	1.011	0.966	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000		0.807	1.011	0.960	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000		0.824	1.011	0.954	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000		0.841		0.949		0.000	0.000		0.000		0.000

ET calculations for the		Sheet N: Page 1 of 2			2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Melons-7b fall Aug 20 - Dec 17)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36		15.02
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.17	0.09	0.05		
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.19	0.06	0.13		
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.15	0.11	0.11		
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.16	0.08	0.11		
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.14	0.07	0.05		
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.13	0.07	0.04		
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.15	0.07	0.08		
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.15	0.07	0.11		
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.16	0.06	0.09		
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.19	0.07	0.06		
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.27	0.09	0.05		
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.17	-0.02	0.05		
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.31	0.04	0.04		
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.16	0.06	0.06		
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.16	0.06	0.10		
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.14	0.02	0.12		
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.15	0.06	0.12		
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.15	0.09	0.00		
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.13	0.09	0.00		
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.15	0.21	0.06	0.00		
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.24	0.17	0.11	0.00		
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.17	0.12	0.16	0.00		
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.15	0.11	0.14	0.00		
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.13	0.29	0.07	0.00		
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.14	0.39	0.07	0.00		
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.18	0.31	0.05	0.00		
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.14	0.16	0.16	0.00		
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.16	0.14	0.12	0.00		
29	0.00		0.00	0.00	0.00	0.00	0.00	0.11	0.17	0.08	0.06	0.00		
30	0.00		0.00	0.00	0.00	0.00	0.00	0.11	0.16	0.22	0.05	0.00		
31	0.00		0.00		0.00		0.00	0.11		0.13		0.00		

(Daily Kc values)		Sheet N: Page 2 of 2			2003	CROP ET								
Melons-fall														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.871	0.998	0.975		
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.889	0.998	0.969		
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.907	0.998	0.963		
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.925	0.998	0.957		
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.944	0.998	0.952		
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.962	0.998	0.946		
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.980	0.998	0.940		
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.998	0.998	0.934		
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.471	0.998	0.998	0.928		
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.489	0.998	0.998	0.922		
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.507	0.998	0.998	0.917		
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.525	0.998	0.998	0.911		
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.543	0.998	0.998	0.905		
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.562	0.998	0.998	0.899		
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.580	0.998	0.998	0.893		
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.598	0.998	0.998	0.888		
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.616	0.998	0.998	0.882		
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.634	0.998	0.998	0.000		
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.653	0.998	0.998	0.000		
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.671	0.998	0.998	0.000		
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.689	0.998	0.998	0.000		
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.707	0.998	0.998	0.000		
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.725	0.998	0.998	0.000		
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.744	0.998	0.998	0.000		
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.762	0.998	0.998	0.000		
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.780	0.998	0.998	0.000		
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.798	0.998	0.998	0.000		
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.816	0.998	0.992	0.000		
29	0.000		0.000	0.000	0.000	0.000	0.000	0.453	0.834	0.998	0.986	0.000		
30	0.000		0.000	0.000	0.000	0.000	0.000	0.453	0.853	0.998	0.981	0.000		
31	0.000		0.000		0.000		0.000	0.453		0.998		0.000		

ET calculations for the			Sheet O: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Bermuda Grass-8a)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00		38.16
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.00	0.10	0.13	0.26	0.29	0.11	0.22	0.16	0.00	0.00		
2	0.00	0.00	0.00	0.08	0.16	0.26	0.27	0.20	0.23	0.17	0.00	0.00		
3	0.00	0.00	0.00	0.06	0.17	0.26	0.25	0.24	0.21	0.00	0.00	0.00		
4	0.00	0.00	0.00	0.08	0.18	0.24	0.25	0.23	0.24	0.00	0.00	0.00		
5	0.00	0.00	0.00	0.07	0.16	0.24	0.26	0.24	0.18	0.00	0.00	0.00		
6	0.00	0.00	0.00	0.06	0.19	0.23	0.29	0.26	0.20	0.00	0.00	0.00		
7	0.00	0.00	0.00	0.09	0.20	0.24	0.26	0.24	0.21	0.00	0.00	0.00		
8	0.00	0.00	0.00	0.10	0.22	0.26	0.27	0.27	0.19	0.00	0.00	0.00		
9	0.00	0.00	0.00	0.07	0.19	0.30	0.24	0.24	0.22	0.00	0.00	0.00		
10	0.00	0.00	0.00	0.07	0.18	0.28	0.26	0.23	0.20	0.00	0.00	0.00		
11	0.00	0.00	0.00	0.08	0.20	0.27	0.30	0.26	0.29	0.00	0.00	0.00		
12	0.00	0.00	0.00	0.09	0.20	0.26	0.26	0.24	0.17	0.00	0.00	0.00		
13	0.00	0.00	0.00	0.09	0.16	0.25	0.28	0.22	0.33	0.00	0.00	0.00		
14	0.00	0.00	0.00	0.09	0.16	0.25	0.26	0.20	0.34	0.00	0.00	0.00		
15	0.00	0.00	0.00	0.07	0.22	0.26	0.20	0.26	0.19	0.00	0.00	0.00		
16	0.00	0.00	0.00	0.07	0.23	0.25	0.31	0.18	0.22	0.00	0.00	0.00		
17	0.00	0.00	0.00	0.08	0.25	0.26	0.26	0.21	0.19	0.00	0.00	0.00		
18	0.00	0.00	0.00	0.07	0.22	0.26	0.26	0.23	0.39	0.00	0.00	0.00		
19	0.00	0.00	0.00	0.08	0.36	0.26	0.23	0.26	0.19	0.00	0.00	0.00		
20	0.00	0.00	0.00	0.07	0.31	0.26	0.23	0.19	0.18	0.00	0.00	0.00		
21	0.00	0.00	0.00	0.10	0.22	0.26	0.25	0.20	0.28	0.00	0.00	0.00		
22	0.00	0.00	0.00	0.08	0.23	0.25	0.26	0.14	0.19	0.00	0.00	0.00		
23	0.00	0.00	0.00	0.10	0.23	0.30	0.20	0.20	0.16	0.00	0.00	0.00		
24	0.00	0.00	0.00	0.10	0.23	0.26	0.14	0.18	0.14	0.00	0.00	0.00		
25	0.00	0.00	0.00	0.11	0.26	0.33	0.18	0.21	0.15	0.00	0.00	0.00		
26	0.00	0.00	0.00	0.13	0.23	0.35	0.14	0.20	0.18	0.00	0.00	0.00		
27	0.00	0.00	0.00	0.14	0.22	0.26	0.20	0.13	0.14	0.00	0.00	0.00		
28	0.00	0.00	0.00	0.15	0.24	0.26	0.22	0.17	0.15	0.00	0.00	0.00		
29	0.00		0.00	0.15	0.29	0.30	0.18	0.20	0.16	0.00	0.00	0.00		
30	0.00		0.00	0.13	0.29	0.29	0.25	0.20	0.15	0.00	0.00	0.00		
31	0.00		0.00		0.26		0.22	0.20		0.00		0.00		

(Daily Kc values)		Sheet O: Page 2 of 2			2003	CROP ET						
Bermuda												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.000	0.000	0.372	0.636	0.851	0.851	0.849	0.823	0.799	0.000	0.000
2	0.000	0.000	0.000	0.372	0.660	0.851	0.851	0.848	0.823	0.798	0.000	0.000
3	0.000	0.000	0.000	0.372	0.684	0.851	0.851	0.847	0.822	0.000	0.000	0.000
4	0.000	0.000	0.000	0.372	0.708	0.851	0.851	0.847	0.821	0.000	0.000	0.000
5	0.000	0.000	0.000	0.372	0.732	0.851	0.851	0.846	0.820	0.000	0.000	0.000
6	0.000	0.000	0.000	0.372	0.756	0.851	0.851	0.845	0.819	0.000	0.000	0.000
7	0.000	0.000	0.000	0.372	0.780	0.851	0.851	0.844	0.819	0.000	0.000	0.000
8	0.000	0.000	0.000	0.372	0.804	0.851	0.851	0.843	0.818	0.000	0.000	0.000
9	0.000	0.000	0.000	0.372	0.828	0.851	0.851	0.842	0.817	0.000	0.000	0.000
10	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.842	0.816	0.000	0.000	0.000
11	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.841	0.815	0.000	0.000	0.000
12	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.840	0.814	0.000	0.000	0.000
13	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.839	0.814	0.000	0.000	0.000
14	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.838	0.813	0.000	0.000	0.000
15	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.837	0.812	0.000	0.000	0.000
16	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.837	0.811	0.000	0.000	0.000
17	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.836	0.810	0.000	0.000	0.000
18	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.835	0.809	0.000	0.000	0.000
19	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.834	0.809	0.000	0.000	0.000
20	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.833	0.808	0.000	0.000	0.000
21	0.000	0.000	0.000	0.396	0.851	0.851	0.851	0.833	0.807	0.000	0.000	0.000
22	0.000	0.000	0.000	0.420	0.851	0.851	0.851	0.832	0.806	0.000	0.000	0.000
23	0.000	0.000	0.000	0.444	0.851	0.851	0.851	0.831	0.805	0.000	0.000	0.000
24	0.000	0.000	0.000	0.468	0.851	0.851	0.851	0.830	0.805	0.000	0.000	0.000
25	0.000	0.000	0.000	0.492	0.851	0.851	0.851	0.829	0.804	0.000	0.000	0.000
26	0.000	0.000	0.000	0.516	0.851	0.851	0.851	0.828	0.803	0.000	0.000	0.000
27	0.000	0.000	0.000	0.540	0.851	0.851	0.851	0.828	0.802	0.000	0.000	0.000
28	0.000	0.000	0.000	0.564	0.851	0.851	0.851	0.827	0.801	0.000	0.000	0.000
29	0.000		0.000	0.588	0.851	0.851	0.851	0.826	0.800	0.000	0.000	0.000
30	0.000		0.000	0.612	0.851	0.851	0.851	0.825	0.800	0.000	0.000	0.000
31	0.000		0.000		0.851		0.850	0.824		0.000		0.000

ET calculations for the			Sheet P: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Bermuda Grass overseeded with rye grass in winter-8b)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26		53.17
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.12	0.10	0.06	0.10	0.13	0.26	0.29	0.11	0.22	0.16	0.07	0.04		
2	0.19	0.17	0.11	0.08	0.16	0.26	0.27	0.20	0.23	0.17	0.05	0.12		
3	0.12	0.13	0.06	0.06	0.17	0.26	0.25	0.24	0.21	0.00	0.09	0.10		
4	0.11	0.06	0.07	0.08	0.18	0.24	0.25	0.23	0.24	0.06	0.07	0.10		
5	0.12	0.12	0.11	0.07	0.16	0.24	0.26	0.24	0.18	0.05	0.06	0.04		
6	0.28	0.13	0.10	0.06	0.19	0.23	0.29	0.26	0.20	0.05	0.06	0.04		
7	0.21	0.16	0.10	0.09	0.20	0.24	0.26	0.24	0.21	0.05	0.06	0.08		
8	-0.03	0.12	0.10	0.10	0.22	0.26	0.27	0.27	0.19	0.05	0.06	0.11		
9	0.04	0.07	0.11	0.07	0.19	0.30	0.24	0.24	0.22	0.05	0.05	0.09		
10	0.04	0.06	0.14	0.07	0.18	0.28	0.26	0.23	0.20	0.06	0.06	0.05		
11	0.07	0.09	0.11	0.08	0.20	0.27	0.30	0.26	0.29	0.09	0.08	0.04		
12	0.05	-0.04	0.11	0.09	0.20	0.26	0.26	0.24	0.17	0.06	-0.02	0.05		
13	0.08	-0.24	0.13	0.09	0.16	0.25	0.28	0.22	0.33	0.11	0.04	0.04		
14	0.04	0.05	0.14	0.09	0.16	0.25	0.26	0.20	0.34	0.06	0.05	0.06		
15	0.11	0.07	-0.01	0.07	0.22	0.26	0.20	0.26	0.19	0.06	0.05	0.10		
16	0.18	0.09	-0.07	0.07	0.23	0.25	0.31	0.18	0.22	0.06	0.01	0.13		
17	0.18	0.05	0.07	0.08	0.25	0.26	0.26	0.21	0.19	0.06	0.05	0.13		
18	0.19	0.08	0.12	0.07	0.22	0.26	0.26	0.23	0.39	0.07	0.08	0.10		
19	0.06	0.08	0.15	0.08	0.36	0.26	0.23	0.26	0.19	0.06	0.08	0.09		
20	0.06	0.14	0.11	0.07	0.31	0.26	0.23	0.19	0.18	0.10	0.05	0.04		
21	0.05	0.15	0.16	0.10	0.22	0.26	0.25	0.20	0.28	0.09	0.10	0.07		
22	0.06	0.09	0.12	0.08	0.23	0.25	0.26	0.14	0.19	0.06	0.14	0.10		
23	0.09	0.09	0.13	0.10	0.23	0.30	0.20	0.20	0.16	0.06	0.13	0.05		
24	0.11	0.11	0.12	0.10	0.23	0.26	0.14	0.18	0.14	0.17	0.06	0.04		
25	0.13	-0.35	0.17	0.11	0.26	0.33	0.18	0.21	0.15	0.24	0.06	0.10		
26	0.15	-0.08	0.16	0.13	0.23	0.35	0.14	0.20	0.18	0.19	0.04	0.07		
27	0.06	0.01	0.19	0.14	0.22	0.26	0.20	0.13	0.14	0.10	0.14	0.06		
28	0.06	0.07	0.22	0.15	0.24	0.26	0.22	0.17	0.15	0.09	0.11	0.05		
29	0.10		0.19	0.15	0.29	0.30	0.18	0.20	0.16	0.06	0.05	0.03		
30	0.12		0.16	0.13	0.29	0.29	0.25	0.20	0.15	0.16	0.04	0.08		
31	0.16		0.00		0.26		0.22	0.20		0.10		0.04		

(Daily Kc values)		Sheet P: Page 2 of 2			2003	CROP ET						
Bermuda w/ rye												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.893	0.878	0.826	0.372	0.636	0.851	0.851	0.849	0.823	0.799	0.760	0.893
2	0.893	0.876	0.824	0.372	0.660	0.851	0.851	0.848	0.823	0.798	0.782	0.893
3	0.893	0.874	0.822	0.372	0.684	0.851	0.851	0.847	0.822	0.000	0.804	0.893
4	0.893	0.872	0.821	0.372	0.708	0.851	0.851	0.847	0.821	0.341	0.826	0.893
5	0.893	0.870	0.819	0.372	0.732	0.851	0.851	0.846	0.820	0.341	0.848	0.893
6	0.893	0.869	0.817	0.372	0.756	0.851	0.851	0.845	0.819	0.341	0.871	0.893
7	0.893	0.867	0.815	0.372	0.780	0.851	0.851	0.844	0.819	0.341	0.893	0.893
8	0.893	0.865	0.813	0.372	0.804	0.851	0.851	0.843	0.818	0.341	0.893	0.893
9	0.893	0.863	0.811	0.372	0.828	0.851	0.851	0.842	0.817	0.341	0.893	0.893
10	0.893	0.861	0.810	0.372	0.851	0.851	0.851	0.842	0.816	0.341	0.893	0.893
11	0.893	0.859	0.808	0.372	0.851	0.851	0.851	0.841	0.815	0.341	0.893	0.893
12	0.893	0.858	0.806	0.372	0.851	0.851	0.851	0.840	0.814	0.341	0.893	0.893
13	0.893	0.856	0.804	0.372	0.851	0.851	0.851	0.839	0.814	0.341	0.893	0.893
14	0.893	0.854	0.802	0.372	0.851	0.851	0.851	0.838	0.813	0.363	0.893	0.893
15	0.893	0.852	0.800	0.372	0.851	0.851	0.851	0.837	0.812	0.385	0.893	0.893
16	0.893	0.850	0.798	0.372	0.851	0.851	0.851	0.837	0.811	0.407	0.893	0.893
17	0.893	0.848	0.797	0.372	0.851	0.851	0.851	0.836	0.810	0.429	0.893	0.893
18	0.893	0.846	0.795	0.372	0.851	0.851	0.851	0.835	0.809	0.451	0.893	0.893
19	0.893	0.845	0.793	0.372	0.851	0.851	0.851	0.834	0.809	0.473	0.893	0.893
20	0.893	0.843	0.791	0.372	0.851	0.851	0.851	0.833	0.808	0.495	0.893	0.893
21	0.893	0.841	0.789	0.396	0.851	0.851	0.851	0.833	0.807	0.517	0.893	0.893
22	0.893	0.839	0.787	0.420	0.851	0.851	0.851	0.832	0.806	0.539	0.893	0.893
23	0.893	0.837	0.786	0.444	0.851	0.851	0.851	0.831	0.805	0.561	0.893	0.893
24	0.893	0.835	0.784	0.468	0.851	0.851	0.851	0.830	0.805	0.583	0.893	0.893
25	0.891	0.834	0.782	0.492	0.851	0.851	0.851	0.829	0.804	0.606	0.893	0.893
26	0.889	0.832	0.780	0.516	0.851	0.851	0.851	0.828	0.803	0.628	0.893	0.893
27	0.887	0.830	0.778	0.540	0.851	0.851	0.851	0.828	0.802	0.650	0.893	0.893
28	0.885	0.828	0.776	0.564	0.851	0.851	0.851	0.827	0.801	0.672	0.893	0.893
29	0.883		0.774	0.588	0.851	0.851	0.851	0.826	0.800	0.694	0.893	0.893
30	0.882		0.773	0.612	0.851	0.851	0.851	0.825	0.800	0.716	0.893	0.893
31	0.880		0.000		0.851		0.850	0.824		0.738		0.893

ET calculations for the			Sheet Q: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Citrus-9a young, 1 to 2 meter size)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Citrus- young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07		24.32
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.06	0.04	0.03	0.10	0.08	0.10	0.12	0.04	0.09	0.07	0.03	0.02		
2	0.09	0.08	0.05	0.08	0.09	0.11	0.11	0.08	0.10	0.08	0.02	0.05		
3	0.06	0.06	0.03	0.06	0.09	0.10	0.10	0.10	0.09	0.06	0.04	0.05		
4	0.05	0.03	0.04	0.08	0.09	0.10	0.10	0.09	0.10	0.06	0.03	0.05		
5	0.05	0.06	0.05	0.07	0.08	0.10	0.11	0.10	0.08	0.05	0.03	0.02		
6	0.13	0.06	0.05	0.06	0.09	0.09	0.12	0.11	0.08	0.05	0.03	0.02		
7	0.10	0.07	0.05	0.09	0.09	0.10	0.11	0.10	0.09	0.06	0.03	0.04		
8	-0.05	0.06	0.05	0.10	0.10	0.11	0.11	0.11	0.08	0.06	0.03	0.05		
9	0.02	0.03	0.05	0.07	0.08	0.12	0.10	0.10	0.09	0.06	0.02	0.04		
10	0.02	0.03	0.07	0.07	0.07	0.11	0.11	0.09	0.08	0.07	0.03	0.03		
11	0.03	0.04	0.05	0.08	0.08	0.11	0.12	0.11	0.12	0.10	0.04	0.02		
12	0.03	-0.07	0.05	0.09	0.08	0.11	0.11	0.10	0.07	0.06	-0.04	0.03		
13	0.04	-0.26	0.06	0.09	0.07	0.10	0.11	0.09	0.14	0.12	0.01	0.02		
14	0.02	0.02	0.07	0.09	0.07	0.10	0.10	0.08	0.15	0.06	0.02	0.03		
15	0.05	0.03	-0.06	0.07	0.09	0.10	0.08	0.11	0.08	0.06	0.02	0.05		
16	0.08	0.04	-0.10	0.07	0.10	0.10	0.12	0.08	0.09	0.05	-0.01	0.06		
17	0.08	0.02	0.03	0.08	0.10	0.10	0.11	0.09	0.08	0.06	0.02	0.06		
18	0.09	0.04	0.06	0.07	0.09	0.11	0.10	0.10	0.17	0.06	0.04	0.05		
19	0.03	0.04	0.07	0.08	0.15	0.10	0.09	0.11	0.08	0.05	0.04	0.04		
20	0.03	0.07	0.05	0.07	0.13	0.11	0.09	0.08	0.08	0.08	0.02	0.02		
21	0.02	0.07	0.08	0.09	0.09	0.10	0.10	0.08	0.12	0.06	0.04	0.03		
22	0.03	0.04	0.06	0.07	0.09	0.10	0.11	0.06	0.09	0.05	0.06	0.05		
23	0.04	0.04	0.06	0.08	0.09	0.12	0.08	0.08	0.07	0.04	0.06	0.03		
24	0.05	0.05	0.06	0.08	0.09	0.10	0.06	0.08	0.06	0.11	0.03	0.02		
25	0.06	-0.36	0.08	0.08	0.10	0.13	0.07	0.09	0.07	0.15	0.03	0.05		
26	0.07	-0.11	0.08	0.09	0.09	0.14	0.05	0.08	0.08	0.12	0.02	0.03		
27	0.03	-0.02	0.09	0.09	0.09	0.10	0.08	0.05	0.06	0.06	0.07	0.03		
28	0.03	0.03	0.11	0.09	0.10	0.11	0.09	0.07	0.07	0.05	0.05	0.03		
29	0.05		0.09	0.09	0.12	0.12	0.07	0.08	0.07	0.03	0.02	0.01		
30	0.06		0.08	0.08	0.12	0.12	0.10	0.08	0.07	0.09	0.02	0.04		
31	0.07		0.06		0.11		0.09	0.08		0.05		0.02		

(Daily Kc values)		Sheet Q: Page 2 of 2			2003	CROP ET						
Citrus- young												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.425	0.409	0.393	0.376	0.360	0.342	0.342	0.342	0.342	0.362	0.388	0.413
2	0.425	0.408	0.393	0.376	0.359	0.342	0.342	0.342	0.342	0.363	0.389	0.414
3	0.424	0.407	0.392	0.375	0.359	0.342	0.342	0.342	0.342	0.364	0.390	0.415
4	0.424	0.407	0.392	0.375	0.358	0.342	0.342	0.342	0.342	0.365	0.391	0.416
5	0.423	0.406	0.391	0.374	0.358	0.342	0.342	0.342	0.342	0.366	0.392	0.417
6	0.423	0.406	0.391	0.374	0.357	0.342	0.342	0.342	0.342	0.366	0.392	0.418
7	0.422	0.405	0.390	0.373	0.357	0.342	0.342	0.342	0.342	0.367	0.393	0.418
8	0.422	0.405	0.389	0.373	0.356	0.342	0.342	0.342	0.343	0.368	0.394	0.419
9	0.421	0.404	0.389	0.372	0.356	0.342	0.342	0.342	0.344	0.369	0.395	0.420
10	0.421	0.404	0.388	0.371	0.355	0.342	0.342	0.342	0.345	0.370	0.396	0.421
11	0.420	0.403	0.388	0.371	0.355	0.342	0.342	0.342	0.345	0.371	0.397	0.422
12	0.419	0.403	0.387	0.370	0.354	0.342	0.342	0.342	0.346	0.371	0.397	0.423
13	0.419	0.402	0.387	0.370	0.353	0.342	0.342	0.342	0.347	0.372	0.398	0.423
14	0.418	0.401	0.386	0.369	0.353	0.342	0.342	0.342	0.348	0.373	0.399	0.424
15	0.418	0.401	0.386	0.369	0.352	0.342	0.342	0.342	0.349	0.374	0.400	0.425
16	0.417	0.400	0.385	0.368	0.352	0.342	0.342	0.342	0.350	0.375	0.401	0.426
17	0.417	0.400	0.385	0.368	0.351	0.342	0.342	0.342	0.350	0.376	0.402	0.427
18	0.416	0.399	0.384	0.367	0.351	0.342	0.342	0.342	0.351	0.376	0.402	0.428
19	0.416	0.399	0.383	0.367	0.350	0.342	0.342	0.342	0.352	0.377	0.403	0.429
20	0.415	0.398	0.383	0.366	0.350	0.342	0.342	0.342	0.353	0.378	0.404	0.429
21	0.415	0.398	0.382	0.365	0.349	0.342	0.342	0.342	0.354	0.379	0.405	0.430
22	0.414	0.397	0.382	0.365	0.349	0.342	0.342	0.342	0.355	0.380	0.406	0.431
23	0.413	0.397	0.381	0.364	0.348	0.342	0.342	0.342	0.355	0.381	0.407	0.432
24	0.413	0.396	0.381	0.364	0.347	0.342	0.342	0.342	0.356	0.381	0.408	0.433
25	0.412	0.395	0.380	0.363	0.347	0.342	0.342	0.342	0.357	0.382	0.408	0.434
26	0.412	0.395	0.380	0.363	0.346	0.342	0.342	0.342	0.358	0.383	0.409	0.434
27	0.411	0.394	0.379	0.362	0.346	0.342	0.342	0.342	0.359	0.384	0.410	0.435
28	0.411	0.394	0.379	0.362	0.345	0.342	0.342	0.342	0.360	0.385	0.411	0.436
29	0.410		0.378	0.361	0.345	0.342	0.342	0.342	0.360	0.386	0.412	0.437
30	0.410		0.377	0.361	0.344	0.342	0.342	0.342	0.361	0.387	0.413	0.438
31	0.409		0.377		0.342		0.342	0.342		0.387		0.439

ET calculations for the			Sheet R: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Citrus-9b mature, 3+ meter size)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Citrus- mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79		41.45
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.09	0.07	0.05	0.16	0.13	0.17	0.19	0.07	0.15	0.12	0.06	0.03		
2	0.15	0.13	0.09	0.14	0.14	0.18	0.18	0.14	0.16	0.13	0.04	0.09		
3	0.09	0.10	0.05	0.10	0.15	0.17	0.17	0.16	0.14	0.10	0.07	0.08		
4	0.08	0.05	0.06	0.13	0.15	0.16	0.17	0.15	0.17	0.10	0.05	0.08		
5	0.09	0.09	0.08	0.12	0.13	0.16	0.18	0.16	0.13	0.09	0.05	0.03		
6	0.22	0.10	0.08	0.11	0.15	0.15	0.19	0.18	0.14	0.09	0.05	0.03		
7	0.17	0.12	0.08	0.15	0.15	0.16	0.18	0.17	0.15	0.09	0.05	0.06		
8	-0.04	0.09	0.08	0.17	0.16	0.18	0.18	0.18	0.13	0.09	0.05	0.08		
9	0.04	0.05	0.09	0.12	0.14	0.20	0.16	0.17	0.15	0.10	0.04	0.07		
10	0.03	0.05	0.11	0.12	0.12	0.19	0.18	0.15	0.14	0.12	0.05	0.04		
11	0.06	0.07	0.09	0.14	0.14	0.18	0.20	0.18	0.20	0.17	0.06	0.04		
12	0.04	-0.06	0.09	0.14	0.14	0.18	0.18	0.17	0.12	0.11	-0.03	0.04		
13	0.06	-0.25	0.10	0.15	0.11	0.17	0.19	0.15	0.23	0.19	0.02	0.03		
14	0.03	0.04	0.12	0.15	0.11	0.17	0.17	0.14	0.24	0.10	0.04	0.05		
15	0.08	0.05	-0.03	0.12	0.15	0.17	0.14	0.18	0.14	0.10	0.04	0.08		
16	0.14	0.07	-0.09	0.11	0.16	0.17	0.21	0.13	0.16	0.09	0.00	0.10		
17	0.14	0.04	0.06	0.13	0.17	0.17	0.18	0.14	0.14	0.09	0.04	0.10		
18	0.15	0.06	0.10	0.12	0.15	0.18	0.17	0.16	0.28	0.09	0.06	0.08		
19	0.05	0.07	0.12	0.13	0.25	0.17	0.15	0.18	0.14	0.08	0.06	0.07		
20	0.05	0.11	0.09	0.11	0.22	0.18	0.15	0.13	0.13	0.13	0.04	0.04		
21	0.04	0.12	0.13	0.16	0.15	0.17	0.17	0.14	0.21	0.11	0.07	0.06		
22	0.05	0.07	0.10	0.12	0.16	0.17	0.18	0.10	0.14	0.08	0.11	0.08		
23	0.07	0.07	0.11	0.13	0.16	0.20	0.13	0.14	0.12	0.07	0.09	0.04		
24	0.08	0.09	0.10	0.13	0.16	0.17	0.10	0.13	0.11	0.18	0.05	0.04		
25	0.10	-0.35	0.14	0.14	0.17	0.22	0.12	0.14	0.11	0.25	0.05	0.08		
26	0.12	-0.09	0.13	0.15	0.16	0.23	0.09	0.14	0.14	0.20	0.03	0.06		
27	0.05	0.00	0.16	0.15	0.15	0.17	0.14	0.09	0.10	0.10	0.11	0.05		
28	0.05	0.05	0.18	0.16	0.16	0.18	0.15	0.12	0.11	0.09	0.08	0.04		
29	0.08		0.15	0.16	0.20	0.20	0.12	0.14	0.12	0.05	0.04	0.02		
30	0.10		0.13	0.13	0.20	0.19	0.17	0.14	0.11	0.14	0.03	0.07		
31	0.12		0.11		0.18		0.15	0.14		0.08		0.04		

(Daily Kc values)		Sheet R: Page 2 of 2			2003	CROP ET						
Citrus- mature												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.709	0.681	0.655	0.627	0.600	0.570	0.570	0.570	0.570	0.604	0.647	0.689
2	0.708	0.680	0.655	0.626	0.599	0.570	0.570	0.570	0.570	0.605	0.648	0.690
3	0.707	0.679	0.654	0.625	0.598	0.570	0.570	0.570	0.570	0.606	0.650	0.692
4	0.706	0.678	0.653	0.625	0.597	0.570	0.570	0.570	0.570	0.608	0.651	0.693
5	0.705	0.677	0.652	0.624	0.596	0.570	0.570	0.570	0.570	0.609	0.653	0.695
6	0.705	0.676	0.651	0.623	0.595	0.570	0.570	0.570	0.570	0.611	0.654	0.696
7	0.704	0.675	0.650	0.622	0.595	0.570	0.570	0.570	0.570	0.612	0.655	0.697
8	0.703	0.675	0.649	0.621	0.594	0.570	0.570	0.570	0.571	0.613	0.657	0.699
9	0.702	0.674	0.648	0.620	0.593	0.570	0.570	0.570	0.573	0.615	0.658	0.700
10	0.701	0.673	0.647	0.619	0.592	0.570	0.570	0.570	0.574	0.616	0.660	0.702
11	0.700	0.672	0.646	0.618	0.591	0.570	0.570	0.570	0.576	0.618	0.661	0.703
12	0.699	0.671	0.645	0.617	0.590	0.570	0.570	0.570	0.577	0.619	0.662	0.704
13	0.698	0.670	0.645	0.616	0.589	0.570	0.570	0.570	0.578	0.620	0.664	0.706
14	0.697	0.669	0.644	0.615	0.588	0.570	0.570	0.570	0.580	0.622	0.665	0.707
15	0.696	0.668	0.643	0.615	0.587	0.570	0.570	0.570	0.581	0.623	0.667	0.709
16	0.695	0.667	0.642	0.614	0.586	0.570	0.570	0.570	0.583	0.625	0.668	0.710
17	0.695	0.666	0.641	0.613	0.585	0.570	0.570	0.570	0.584	0.626	0.669	0.711
18	0.694	0.665	0.640	0.612	0.585	0.570	0.570	0.570	0.585	0.627	0.671	0.713
19	0.693	0.665	0.639	0.611	0.584	0.570	0.570	0.570	0.587	0.629	0.672	0.714
20	0.692	0.664	0.638	0.610	0.583	0.570	0.570	0.570	0.588	0.630	0.674	0.716
21	0.691	0.663	0.637	0.609	0.582	0.570	0.570	0.570	0.590	0.632	0.675	0.717
22	0.690	0.662	0.636	0.608	0.581	0.570	0.570	0.570	0.591	0.633	0.676	0.718
23	0.689	0.661	0.635	0.607	0.580	0.570	0.570	0.570	0.592	0.634	0.678	0.720
24	0.688	0.660	0.635	0.606	0.579	0.570	0.570	0.570	0.594	0.636	0.679	0.721
25	0.687	0.659	0.634	0.605	0.578	0.570	0.570	0.570	0.595	0.637	0.681	0.723
26	0.686	0.658	0.633	0.605	0.577	0.570	0.570	0.570	0.597	0.639	0.682	0.724
27	0.685	0.657	0.632	0.604	0.576	0.570	0.570	0.570	0.598	0.640	0.683	0.725
28	0.685	0.656	0.631	0.603	0.575	0.570	0.570	0.570	0.599	0.641	0.685	0.727
29	0.684		0.630	0.602	0.575	0.570	0.570	0.570	0.601	0.643	0.686	0.728
30	0.683		0.629	0.601	0.574	0.570	0.570	0.570	0.602	0.644	0.688	0.730
31	0.682		0.628		0.570		0.570	0.570		0.646		0.731

ET calculations for the			Sheet S: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Citrus-9c declining)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Citrus- declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25		28.60
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.06	0.05	0.03	0.11	0.09	0.12	0.14	0.05	0.11	0.08	0.04	0.02		
2	0.10	0.09	0.06	0.10	0.10	0.12	0.13	0.10	0.11	0.09	0.03	0.06		
3	0.06	0.07	0.03	0.07	0.10	0.12	0.12	0.11	0.10	0.07	0.05	0.05		
4	0.06	0.03	0.04	0.09	0.10	0.11	0.12	0.11	0.12	0.07	0.04	0.05		
5	0.06	0.07	0.06	0.08	0.09	0.11	0.12	0.11	0.09	0.06	0.03	0.02		
6	0.15	0.07	0.05	0.07	0.10	0.11	0.14	0.12	0.10	0.06	0.03	0.02		
7	0.12	0.09	0.05	0.10	0.10	0.11	0.12	0.12	0.10	0.06	0.03	0.04		
8	-0.05	0.07	0.05	0.12	0.11	0.12	0.13	0.13	0.09	0.06	0.03	0.06		
9	0.02	0.04	0.06	0.08	0.10	0.14	0.11	0.12	0.11	0.07	0.03	0.05		
10	0.02	0.03	0.08	0.09	0.09	0.13	0.12	0.11	0.10	0.08	0.03	0.03		
11	0.04	0.05	0.06	0.10	0.10	0.13	0.14	0.12	0.14	0.12	0.04	0.02		
12	0.03	-0.07	0.06	0.10	0.09	0.12	0.12	0.12	0.08	0.07	-0.03	0.03		
13	0.04	-0.26	0.07	0.10	0.08	0.12	0.13	0.10	0.16	0.13	0.01	0.02		
14	0.02	0.02	0.08	0.10	0.08	0.12	0.12	0.10	0.17	0.07	0.03	0.03		
15	0.06	0.04	-0.05	0.08	0.11	0.12	0.10	0.12	0.10	0.07	0.03	0.05		
16	0.10	0.05	-0.10	0.08	0.11	0.12	0.14	0.09	0.11	0.06	-0.01	0.07		
17	0.10	0.03	0.04	0.09	0.12	0.12	0.12	0.10	0.10	0.07	0.03	0.07		
18	0.10	0.04	0.07	0.08	0.11	0.12	0.12	0.11	0.20	0.07	0.04	0.05		
19	0.03	0.05	0.08	0.09	0.17	0.12	0.11	0.12	0.10	0.06	0.04	0.05		
20	0.03	0.08	0.06	0.08	0.15	0.12	0.11	0.09	0.09	0.09	0.03	0.03		
21	0.03	0.08	0.09	0.11	0.11	0.12	0.12	0.10	0.14	0.08	0.05	0.04		
22	0.03	0.05	0.07	0.09	0.11	0.12	0.12	0.07	0.10	0.05	0.08	0.06		
23	0.05	0.05	0.08	0.09	0.11	0.14	0.09	0.10	0.08	0.05	0.07	0.03		
24	0.06	0.06	0.07	0.09	0.11	0.12	0.07	0.09	0.07	0.13	0.03	0.03		
25	0.07	-0.36	0.10	0.10	0.12	0.16	0.08	0.10	0.08	0.17	0.03	0.06		
26	0.08	-0.11	0.09	0.11	0.11	0.16	0.06	0.10	0.10	0.14	0.02	0.03		
27	0.03	-0.02	0.11	0.11	0.10	0.12	0.10	0.06	0.07	0.07	0.08	0.04		
28	0.03	0.04	0.12	0.11	0.11	0.12	0.10	0.08	0.08	0.06	0.06	0.03		
29	0.05		0.11	0.11	0.14	0.14	0.08	0.10	0.08	0.04	0.03	0.02		
30	0.07		0.09	0.09	0.14	0.14	0.12	0.10	0.08	0.10	0.02	0.05		
31	0.09		0.07		0.12		0.10	0.10		0.06		0.03		

(Daily Kc values)		Sheet S: Page 2 of 2			2003	CROP ET						
Citrus- declining												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.496	0.477	0.459	0.439	0.420	0.399	0.399	0.399	0.399	0.423	0.453	0.482
2	0.496	0.476	0.458	0.438	0.419	0.399	0.399	0.399	0.399	0.424	0.454	0.483
3	0.495	0.475	0.458	0.438	0.419	0.399	0.399	0.399	0.399	0.424	0.455	0.484
4	0.494	0.475	0.457	0.437	0.418	0.399	0.399	0.399	0.399	0.425	0.456	0.485
5	0.494	0.474	0.456	0.437	0.417	0.399	0.399	0.399	0.399	0.426	0.457	0.486
6	0.493	0.473	0.456	0.436	0.417	0.399	0.399	0.399	0.399	0.427	0.458	0.487
7	0.493	0.473	0.455	0.435	0.416	0.399	0.399	0.399	0.399	0.428	0.459	0.488
8	0.492	0.472	0.454	0.435	0.416	0.399	0.399	0.399	0.400	0.429	0.460	0.489
9	0.491	0.472	0.454	0.434	0.415	0.399	0.399	0.399	0.401	0.430	0.461	0.490
10	0.491	0.471	0.453	0.433	0.414	0.399	0.399	0.399	0.402	0.431	0.462	0.491
11	0.490	0.470	0.452	0.433	0.414	0.399	0.399	0.399	0.403	0.432	0.463	0.492
12	0.489	0.470	0.452	0.432	0.413	0.399	0.399	0.399	0.404	0.433	0.464	0.493
13	0.489	0.469	0.451	0.431	0.412	0.399	0.399	0.399	0.405	0.434	0.465	0.494
14	0.488	0.468	0.451	0.431	0.412	0.399	0.399	0.399	0.406	0.435	0.466	0.495
15	0.487	0.468	0.450	0.430	0.411	0.399	0.399	0.399	0.407	0.436	0.467	0.496
16	0.487	0.467	0.449	0.430	0.410	0.399	0.399	0.399	0.408	0.437	0.468	0.497
17	0.486	0.466	0.449	0.429	0.410	0.399	0.399	0.399	0.409	0.438	0.469	0.498
18	0.486	0.466	0.448	0.428	0.409	0.399	0.399	0.399	0.410	0.439	0.470	0.499
19	0.485	0.465	0.447	0.428	0.409	0.399	0.399	0.399	0.411	0.440	0.471	0.500
20	0.484	0.465	0.447	0.427	0.408	0.399	0.399	0.399	0.412	0.441	0.472	0.501
21	0.484	0.464	0.446	0.426	0.407	0.399	0.399	0.399	0.413	0.442	0.473	0.502
22	0.483	0.463	0.445	0.426	0.407	0.399	0.399	0.399	0.414	0.443	0.473	0.503
23	0.482	0.463	0.445	0.425	0.406	0.399	0.399	0.399	0.415	0.444	0.474	0.504
24	0.482	0.462	0.444	0.424	0.405	0.399	0.399	0.399	0.416	0.445	0.475	0.505
25	0.481	0.461	0.444	0.424	0.405	0.399	0.399	0.399	0.417	0.446	0.476	0.506
26	0.480	0.461	0.443	0.423	0.404	0.399	0.399	0.399	0.418	0.447	0.477	0.507
27	0.480	0.460	0.442	0.423	0.403	0.399	0.399	0.399	0.419	0.448	0.478	0.508
28	0.479	0.459	0.442	0.422	0.403	0.399	0.399	0.399	0.420	0.449	0.479	0.509
29	0.479		0.441	0.421	0.402	0.399	0.399	0.399	0.421	0.450	0.480	0.510
30	0.478		0.440	0.421	0.402	0.399	0.399	0.399	0.422	0.451	0.481	0.511
31	0.477		0.440		0.399		0.399	0.399		0.452		0.512

ET calculations for the			Sheet T: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Tomatoes)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00		25.53
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.07	0.05	0.29	0.25	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
2	0.00	0.12	0.08	0.25	0.28	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
3	0.00	0.09	0.04	0.18	0.30	0.27	0.00	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.04	0.06	0.24	0.30	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.09	0.09	0.22	0.26	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
6	0.00	0.09	0.08	0.20	0.30	0.23	0.00	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.11	0.08	0.28	0.30	0.24	0.00	0.00	0.00	0.00	0.00	0.00		
8	0.00	0.09	0.09	0.33	0.32	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.05	0.10	0.22	0.27	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.04	0.13	0.24	0.25	0.27	0.00	0.00	0.00	0.00	0.00	0.00		
11	0.00	0.06	0.11	0.26	0.27	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
12	0.00	-0.06	0.11	0.27	0.27	0.24	0.00	0.00	0.00	0.00	0.00	0.00		
13	0.00	-0.25	0.13	0.28	0.22	0.22	0.00	0.00	0.00	0.00	0.00	0.00		
14	0.00	0.04	0.15	0.28	0.22	0.22	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.05	-0.01	0.22	0.31	0.22	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.06	-0.07	0.21	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
17	0.00	0.04	0.08	0.25	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.06	0.13	0.22	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.06	0.17	0.25	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.10	0.13	0.21	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.11	0.18	0.31	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.07	0.14	0.24	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.07	0.16	0.26	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.08	0.15	0.26	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	-0.36	0.22	0.27	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
26	0.00	-0.10	0.21	0.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
27	0.00	0.00	0.26	0.30	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.05	0.29	0.31	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.25	0.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.22	0.25	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.18		0.30		0.00	0.00		0.00		0.00		

(Daily Kc values)		Sheet T: Page 2 of 2			2003	CROP ET						
Tomatoes												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.617	0.617	1.100	1.181	0.939	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.617	0.617	1.116	1.181	0.924	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.617	0.633	1.132	1.181	0.909	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.617	0.649	1.148	1.181	0.894	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.617	0.666	1.164	1.181	0.879	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.617	0.682	1.181	1.181	0.864	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.617	0.698	1.181	1.181	0.849	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.617	0.714	1.181	1.181	0.834	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.617	0.730	1.181	1.181	0.819	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.617	0.746	1.181	1.181	0.804	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.617	0.762	1.181	1.181	0.788	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.617	0.778	1.181	1.181	0.773	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.617	0.794	1.181	1.181	0.758	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.617	0.810	1.181	1.181	0.743	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.617	0.826	1.181	1.181	0.728	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.617	0.843	1.181	1.181	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.617	0.859	1.181	1.165	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.617	0.875	1.181	1.150	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.617	0.891	1.181	1.135	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.617	0.907	1.181	1.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.617	0.923	1.181	1.105	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.617	0.939	1.181	1.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.617	0.955	1.181	1.075	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.617	0.971	1.181	1.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.617	0.987	1.181	1.045	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.617	1.004	1.181	1.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.617	1.020	1.181	1.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.617	1.036	1.181	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000		1.052	1.181	0.985	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000		1.068	1.181	0.969	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000		1.084		0.954		0.000	0.000		0.000		0.000

ET calculations for the			Sheet U: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Sudan Grass)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00		40.01
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.03	0.19	0.24	0.34	0.39	0.14	0.00	0.00	0.00	0.00		
2	0.00	0.00	0.06	0.17	0.27	0.35	0.36	0.25	0.00	0.00	0.00	0.00		
3	0.00	0.00	0.03	0.12	0.29	0.34	0.33	0.29	0.00	0.00	0.00	0.00		
4	0.00	0.00	0.04	0.17	0.29	0.32	0.33	0.28	0.00	0.00	0.00	0.00		
5	0.00	0.00	0.06	0.16	0.25	0.32	0.35	0.29	0.00	0.00	0.00	0.00		
6	0.00	0.00	0.06	0.14	0.29	0.31	0.39	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.00	0.06	0.21	0.29	0.32	0.35	0.00	0.00	0.00	0.00	0.00		
8	0.00	0.00	0.06	0.25	0.31	0.35	0.36	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.00	0.06	0.17	0.26	0.40	0.32	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.00	0.08	0.19	0.24	0.38	0.35	0.00	0.00	0.00	0.00	0.00		
11	0.00	0.00	0.06	0.21	0.26	0.36	0.39	0.00	0.00	0.00	0.00	0.00		
12	0.00	0.00	0.06	0.23	0.26	0.35	0.35	0.00	0.00	0.00	0.00	0.00		
13	0.00	0.00	0.07	0.24	0.22	0.33	0.37	0.00	0.00	0.00	0.00	0.00		
14	0.00	0.00	0.08	0.25	0.22	0.33	0.33	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.00	-0.05	0.20	0.30	0.34	0.27	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.00	-0.10	0.19	0.31	0.33	0.40	0.00	0.00	0.00	0.00	0.00		
17	0.00	0.00	0.04	0.23	0.33	0.34	0.34	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.00	0.07	0.21	0.30	0.35	0.33	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.00	0.09	0.24	0.48	0.34	0.30	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.00	0.06	0.21	0.42	0.35	0.29	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.00	0.10	0.30	0.30	0.34	0.32	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.00	0.08	0.23	0.31	0.33	0.34	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.00	0.09	0.25	0.31	0.40	0.25	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.00	0.08	0.25	0.31	0.34	0.18	0.00	0.00	0.00	0.00	0.00		
25	0.00	0.00	0.13	0.26	0.34	0.44	0.23	0.00	0.00	0.00	0.00	0.00		
26	0.00	0.00	0.12	0.29	0.31	0.47	0.17	0.00	0.00	0.00	0.00	0.00		
27	0.00	0.00	0.15	0.29	0.30	0.34	0.26	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.00	0.18	0.30	0.32	0.35	0.28	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.16	0.30	0.39	0.40	0.22	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.14	0.24	0.39	0.39	0.31	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.12		0.35		0.27	0.00		0.00		0.00		

(Daily Kc values)		Sheet U: Page 2 of 2			2003	CROP ET								
Sudan														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.000	0.000	0.459	0.731	1.140	1.140	1.140	1.051	0.000	0.000	0.000	0.000		
2	0.000	0.000	0.459	0.754	1.140	1.140	1.140	1.048	0.000	0.000	0.000	0.000		
3	0.000	0.000	0.459	0.777	1.140	1.140	1.140	1.044	0.000	0.000	0.000	0.000		
4	0.000	0.000	0.459	0.799	1.140	1.140	1.140	1.041	0.000	0.000	0.000	0.000		
5	0.000	0.000	0.459	0.822	1.140	1.140	1.140	1.038	0.000	0.000	0.000	0.000		
6	0.000	0.000	0.459	0.845	1.140	1.140	1.140	0.000	0.000	0.000	0.000	0.000		
7	0.000	0.000	0.459	0.868	1.140	1.140	1.137	0.000	0.000	0.000	0.000	0.000		
8	0.000	0.000	0.459	0.890	1.140	1.140	1.133	0.000	0.000	0.000	0.000	0.000		
9	0.000	0.000	0.459	0.913	1.140	1.140	1.130	0.000	0.000	0.000	0.000	0.000		
10	0.000	0.000	0.459	0.936	1.140	1.140	1.127	0.000	0.000	0.000	0.000	0.000		
11	0.000	0.000	0.459	0.958	1.140	1.140	1.123	0.000	0.000	0.000	0.000	0.000		
12	0.000	0.000	0.459	0.981	1.140	1.140	1.120	0.000	0.000	0.000	0.000	0.000		
13	0.000	0.000	0.459	1.004	1.140	1.140	1.116	0.000	0.000	0.000	0.000	0.000		
14	0.000	0.000	0.459	1.027	1.140	1.140	1.113	0.000	0.000	0.000	0.000	0.000		
15	0.000	0.000	0.459	1.049	1.140	1.140	1.109	0.000	0.000	0.000	0.000	0.000		
16	0.000	0.000	0.459	1.072	1.140	1.140	1.106	0.000	0.000	0.000	0.000	0.000		
17	0.000	0.000	0.459	1.095	1.140	1.140	1.103	0.000	0.000	0.000	0.000	0.000		
18	0.000	0.000	0.459	1.118	1.140	1.140	1.099	0.000	0.000	0.000	0.000	0.000		
19	0.000	0.000	0.459	1.140	1.140	1.140	1.096	0.000	0.000	0.000	0.000	0.000		
20	0.000	0.000	0.459	1.140	1.140	1.140	1.092	0.000	0.000	0.000	0.000	0.000		
21	0.000	0.000	0.481	1.140	1.140	1.140	1.089	0.000	0.000	0.000	0.000	0.000		
22	0.000	0.000	0.504	1.140	1.140	1.140	1.086	0.000	0.000	0.000	0.000	0.000		
23	0.000	0.000	0.527	1.140	1.140	1.140	1.082	0.000	0.000	0.000	0.000	0.000		
24	0.000	0.000	0.549	1.140	1.140	1.140	1.079	0.000	0.000	0.000	0.000	0.000		
25	0.000	0.000	0.572	1.140	1.140	1.140	1.075	0.000	0.000	0.000	0.000	0.000		
26	0.000	0.000	0.595	1.140	1.140	1.140	1.072	0.000	0.000	0.000	0.000	0.000		
27	0.000	0.000	0.618	1.140	1.140	1.140	1.068	0.000	0.000	0.000	0.000	0.000		
28	0.000	0.000	0.640	1.140	1.140	1.140	1.065	0.000	0.000	0.000	0.000	0.000		
29	0.000		0.663	1.140	1.140	1.140	1.062	0.000	0.000	0.000	0.000	0.000		
30	0.000		0.686	1.140	1.140	1.140	1.058	0.000	0.000	0.000	0.000	0.000		
31	0.000		0.708		1.140		1.055	0.000		0.000		0.000		

ET calculations for the			Sheet V: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Legume & Solanum Vegetables [green beans, dry beans, garbonzo beans, peas, peanuts, fresh peppers, & potatoes])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53		13.68
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.14	0.12	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.04		
2	0.22	0.20	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.11		
3	0.14	0.16	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.10		
4	0.13	0.07	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.10		
5	0.14	0.15	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05		
6	0.33	0.16	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04		
7	0.25	0.19	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.08		
8	-0.02	0.15	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.11		
9	0.05	0.08	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.10		
10	0.04	0.07	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06		
11	0.08	0.11	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.05		
12	0.06	-0.03	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.06		
13	0.09	-0.23	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04		
14	0.05	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.07		
15	0.13	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.04	0.11		
16	0.21	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.14		
17	0.21	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.04	0.15		
18	0.22	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.07	0.12		
19	0.07	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.07	0.11		
20	0.07	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.05	0.05		
21	0.06	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.08	0.08		
22	0.07	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.12	0.12		
23	0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.11	0.06		
24	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.06	0.05		
25	0.16	-0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.06	0.12		
26	0.18	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.04	0.09		
27	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.13	0.07		
28	0.07	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.10	0.06		
29	0.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.03		
30	0.15		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.04	0.09		
31	0.19		0.00		0.00		0.00	0.00		0.08		0.05		

(Daily Kc values)*		Sheet V: Page 2 of 2			2003	CROP ET						
Legume/Solanum Veg												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	1.052	1.052	0.988	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.874
2	1.052	1.052	0.983	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.884
3	1.052	1.052	0.978	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.895
4	1.052	1.052	0.973	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.905
5	1.052	1.052	0.968	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.916
6	1.052	1.052	0.963	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.926
7	1.052	1.052	0.958	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.937
8	1.052	1.052	0.954	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.947
9	1.052	1.052	0.949	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.642	0.958
10	1.052	1.052	0.944	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.653	0.968
11	1.052	1.052	0.939	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.663	0.979
12	1.052	1.052	0.934	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.674	0.989
13	1.052	1.052	0.929	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.684	1.000
14	1.052	1.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.695	1.010
15	1.052	1.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.705	1.021
16	1.052	1.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.716	1.031
17	1.052	1.048	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.726	1.042
18	1.052	1.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.737	1.052
19	1.052	1.038	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.747	1.052
20	1.052	1.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.758	1.052
21	1.052	1.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.768	1.052
22	1.052	1.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.779	1.052
23	1.052	1.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.789	1.052
24	1.052	1.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.800	1.052
25	1.052	1.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.810	1.052
26	1.052	1.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.821	1.052
27	1.052	0.998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.831	1.052
28	1.052	0.993	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.842	1.052
29	1.052		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.853	1.052
30	1.052		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.863	1.052
31	1.052		0.000		0.000		0.000	0.000		0.632		1.052

* - Kc values are for Legume Vegetables. Solanum crops (fresh peppers & potatoes) were added to this group to minimize the total number of crop groups, and their total water usage/growing seasons are similar.

ET calculations for the			Sheet W: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Crucifers [broccoli, cauliflower, cabbage, bok-choy, mustard, kale, & okra])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36		12.24
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.13	0.11	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.04	0.04		
2	0.21	0.19	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.03	0.10		
3	0.13	0.15	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.05	0.09		
4	0.12	0.07	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.04	0.09		
5	0.13	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.03	0.04		
6	0.31	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.03	0.03		
7	0.24	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.03	0.08		
8	-0.02	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.04	0.10		
9	0.05	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.03	0.09		
10	0.04	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.04	0.05		
11	0.08	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.05	0.05		
12	0.06	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	-0.03	0.06		
13	0.09	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.02	0.04		
14	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.03	0.07		
15	0.12	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.04	0.10		
16	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.14		
17	0.20	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.04	0.14		
18	0.21	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.06	0.11		
19	0.07	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.10		
20	0.07	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.04	0.05		
21	0.06	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.07	0.08		
22	0.07	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.11	0.11		
23	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.10	0.06		
24	0.12	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.05	0.05		
25	0.15	-0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.05	0.12		
26	0.17	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.04	0.08		
27	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12	0.07		
28	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.09	0.06		
29	0.11		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.03		
30	0.14		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.04	0.09		
31	0.18		0.00		0.00		0.00	0.00		0.06		0.05		

(Daily Kc values)		Sheet W: Page 2 of 2			2003	CROP ET								
Crucifers														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	1.002	1.002	0.897	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.451	0.782		
2	1.002	1.002	0.891	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.451	0.794		
3	1.002	1.002	0.885	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.451	0.806		
4	1.002	1.002	0.879	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.451	0.819		
5	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.463	0.831		
6	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.475	0.843		
7	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.487	0.855		
8	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.500	0.868		
9	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.512	0.880		
10	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.524	0.892		
11	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.536	0.904		
12	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.549	0.917		
13	1.002	0.996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.561	0.929		
14	1.002	0.990	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.573	0.941		
15	1.002	0.984	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.586	0.953		
16	1.002	0.978	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.598	0.966		
17	1.002	0.972	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.610	0.978		
18	1.002	0.965	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.622	0.990		
19	1.002	0.959	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.635	1.002		
20	1.002	0.953	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.647	1.002		
21	1.002	0.947	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.659	1.002		
22	1.002	0.941	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.671	1.002		
23	1.002	0.934	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.684	1.002		
24	1.002	0.928	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.696	1.002		
25	1.002	0.922	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.708	1.002		
26	1.002	0.916	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.720	1.002		
27	1.002	0.910	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.733	1.002		
28	1.002	0.904	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.745	1.002		
29	1.002		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.757	1.002		
30	1.002		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.769	1.002		
31	1.002		0.000		0.000		0.000	0.000		0.451		1.002		

ET calculations for the			Sheet X: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Dates)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34		67.01
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.11	0.10	0.07	0.26	0.21	0.30	0.33	0.13	0.26	0.19	0.08	0.05		
2	0.18	0.17	0.12	0.22	0.24	0.31	0.31	0.23	0.27	0.20	0.06	0.12		
3	0.11	0.13	0.07	0.16	0.25	0.30	0.29	0.27	0.24	0.16	0.10	0.10		
4	0.11	0.06	0.09	0.21	0.25	0.28	0.28	0.26	0.28	0.16	0.08	0.10		
5	0.11	0.12	0.12	0.19	0.22	0.28	0.30	0.27	0.21	0.14	0.07	0.05		
6	0.27	0.13	0.12	0.17	0.25	0.27	0.33	0.30	0.23	0.13	0.07	0.04		
7	0.21	0.16	0.12	0.24	0.25	0.28	0.30	0.28	0.25	0.14	0.07	0.08		
8	-0.03	0.12	0.12	0.28	0.27	0.31	0.31	0.31	0.22	0.14	0.07	0.11		
9	0.04	0.07	0.14	0.19	0.23	0.35	0.27	0.28	0.26	0.15	0.06	0.09		
10	0.04	0.06	0.17	0.20	0.21	0.33	0.30	0.26	0.23	0.18	0.07	0.06		
11	0.07	0.09	0.14	0.22	0.23	0.32	0.34	0.30	0.34	0.26	0.08	0.05		
12	0.05	-0.04	0.14	0.23	0.23	0.31	0.30	0.28	0.20	0.16	-0.02	0.06		
13	0.08	-0.24	0.16	0.24	0.19	0.29	0.32	0.25	0.38	0.29	0.04	0.04		
14	0.04	0.06	0.18	0.24	0.19	0.29	0.29	0.23	0.40	0.15	0.06	0.06		
15	0.11	0.07	0.00	0.19	0.26	0.30	0.23	0.30	0.23	0.15	0.06	0.10		
16	0.18	0.09	-0.06	0.18	0.27	0.29	0.35	0.21	0.26	0.13	0.01	0.13		
17	0.18	0.05	0.10	0.21	0.29	0.30	0.30	0.24	0.23	0.14	0.06	0.13		
18	0.18	0.08	0.15	0.19	0.26	0.31	0.29	0.27	0.46	0.14	0.08	0.10		
19	0.06	0.09	0.19	0.21	0.42	0.30	0.26	0.30	0.23	0.12	0.08	0.09		
20	0.06	0.16	0.14	0.18	0.37	0.31	0.26	0.22	0.21	0.20	0.06	0.05		
21	0.05	0.17	0.20	0.26	0.26	0.30	0.28	0.23	0.33	0.16	0.10	0.07		
22	0.06	0.10	0.15	0.20	0.27	0.29	0.30	0.16	0.23	0.11	0.15	0.10		
23	0.09	0.10	0.17	0.22	0.27	0.35	0.22	0.23	0.19	0.10	0.13	0.06		
24	0.11	0.12	0.15	0.22	0.27	0.30	0.17	0.21	0.17	0.27	0.07	0.05		
25	0.13	-0.34	0.22	0.23	0.30	0.38	0.20	0.24	0.18	0.37	0.07	0.11		
26	0.15	-0.07	0.21	0.25	0.27	0.40	0.16	0.23	0.22	0.29	0.05	0.08		
27	0.06	0.02	0.25	0.25	0.26	0.30	0.23	0.15	0.16	0.15	0.15	0.06		
28	0.06	0.08	0.28	0.26	0.28	0.31	0.25	0.20	0.18	0.13	0.11	0.06		
29	0.10		0.24	0.26	0.34	0.34	0.20	0.23	0.19	0.08	0.06	0.03		
30	0.12		0.21	0.21	0.34	0.33	0.28	0.23	0.18	0.21	0.05	0.08		
31	0.16		0.17		0.31		0.25	0.23		0.12		0.05		

(Daily Kc values)		Sheet X: Page 2 of 2			2003	CROP ET								
Dates														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.875	0.875	0.948	1.006	1.005	0.994	0.983	0.972	0.961	0.950	0.939	0.928		
2	0.875	0.875	0.950	1.006	1.005	0.994	0.983	0.972	0.961	0.950	0.939	0.928		
3	0.875	0.875	0.953	1.006	1.005	0.993	0.983	0.972	0.960	0.950	0.938	0.928		
4	0.875	0.875	0.956	1.006	1.004	0.993	0.982	0.971	0.960	0.949	0.938	0.927		
5	0.875	0.878	0.959	1.006	1.004	0.993	0.982	0.971	0.960	0.949	0.938	0.927		
6	0.875	0.881	0.962	1.006	1.004	0.992	0.982	0.970	0.959	0.949	0.937	0.927		
7	0.875	0.884	0.965	1.006	1.003	0.992	0.981	0.970	0.959	0.948	0.937	0.926		
8	0.875	0.886	0.968	1.006	1.003	0.992	0.981	0.970	0.959	0.948	0.937	0.926		
9	0.875	0.889	0.971	1.006	1.002	0.991	0.981	0.969	0.958	0.947	0.936	0.926		
10	0.875	0.892	0.974	1.006	1.002	0.991	0.980	0.969	0.958	0.947	0.936	0.925		
11	0.875	0.895	0.977	1.006	1.002	0.991	0.980	0.969	0.958	0.947	0.936	0.925		
12	0.875	0.898	0.980	1.006	1.001	0.990	0.979	0.968	0.957	0.946	0.935	0.924		
13	0.875	0.901	0.982	1.006	1.001	0.990	0.979	0.968	0.957	0.946	0.935	0.924		
14	0.875	0.904	0.985	1.006	1.001	0.990	0.979	0.968	0.956	0.946	0.935	0.924		
15	0.875	0.907	0.988	1.006	1.000	0.989	0.978	0.967	0.956	0.945	0.934	0.923		
16	0.875	0.910	0.991	1.006	1.000	0.989	0.978	0.967	0.956	0.945	0.934	0.923		
17	0.875	0.913	0.994	1.006	1.000	0.988	0.978	0.967	0.955	0.945	0.933	0.923		
18	0.875	0.916	0.997	1.006	0.999	0.988	0.977	0.966	0.955	0.944	0.933	0.922		
19	0.875	0.918	1.000	1.006	0.999	0.988	0.977	0.966	0.955	0.944	0.933	0.922		
20	0.875	0.921	1.003	1.006	0.998	0.987	0.977	0.965	0.954	0.944	0.932	0.922		
21	0.875	0.924	1.006	1.006	0.998	0.987	0.976	0.965	0.954	0.943	0.932	0.921		
22	0.875	0.927	1.006	1.006	0.998	0.987	0.976	0.965	0.954	0.943	0.932	0.921		
23	0.875	0.930	1.006	1.006	0.997	0.986	0.975	0.964	0.953	0.942	0.931	0.921		
24	0.875	0.933	1.006	1.006	0.997	0.986	0.975	0.964	0.953	0.942	0.931	0.920		
25	0.875	0.936	1.006	1.006	0.997	0.986	0.975	0.964	0.952	0.942	0.931	0.920		
26	0.875	0.939	1.006	1.006	0.996	0.985	0.974	0.963	0.952	0.941	0.930	0.919		
27	0.875	0.942	1.006	1.006	0.996	0.985	0.974	0.963	0.952	0.941	0.930	0.919		
28	0.875	0.945	1.006	1.006	0.996	0.984	0.974	0.963	0.951	0.941	0.930	0.919		
29	0.875		1.006	1.006	0.995	0.984	0.973	0.962	0.951	0.940	0.929	0.918		
30	0.875		1.006	1.006	0.995	0.984	0.973	0.962	0.951	0.940	0.929	0.918		
31	0.875		1.006		0.995		0.973	0.961		0.940		0.972		

ET calculations for the			Sheet Y: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Safflower)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00		33.72
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.04	0.04	0.26	0.26	0.37	0.25	0.00	0.00	0.00	0.00	0.00		
2	0.00	0.07	0.07	0.22	0.30	0.38	0.22	0.00	0.00	0.00	0.00	0.00		
3	0.00	0.05	0.04	0.16	0.31	0.37	0.19	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.03	0.05	0.22	0.31	0.35	0.18	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.05	0.07	0.20	0.27	0.35	0.19	0.00	0.00	0.00	0.00	0.00		
6	0.00	0.05	0.07	0.18	0.31	0.33	0.19	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.07	0.07	0.26	0.31	0.35	0.17	0.00	0.00	0.00	0.00	0.00		
8	0.00	0.05	0.07	0.31	0.33	0.38	0.16	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.03	0.09	0.21	0.28	0.43	0.13	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.03	0.11	0.23	0.26	0.41	0.14	0.00	0.00	0.00	0.00	0.00		
11	0.00	0.04	0.09	0.25	0.28	0.40	0.00	0.00	0.00	0.00	0.00	0.00		
12	0.00	-0.07	0.10	0.27	0.28	0.38	0.00	0.00	0.00	0.00	0.00	0.00		
13	0.00	-0.26	0.11	0.29	0.24	0.36	0.00	0.00	0.00	0.00	0.00	0.00		
14	0.00	0.02	0.13	0.29	0.24	0.36	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.03	-0.02	0.23	0.32	0.37	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.04	-0.08	0.22	0.33	0.35	0.00	0.00	0.00	0.00	0.00	0.00		
17	0.00	0.02	0.07	0.26	0.36	0.35	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.03	0.12	0.24	0.32	0.35	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.04	0.15	0.26	0.52	0.33	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.06	0.11	0.22	0.46	0.33	0.00	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.07	0.16	0.32	0.32	0.31	0.00	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.04	0.13	0.25	0.33	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.05	0.15	0.27	0.33	0.34	0.00	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.06	0.13	0.27	0.33	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	-0.36	0.20	0.28	0.37	0.36	0.00	0.00	0.00	0.00	0.00	0.00		
26	0.00	-0.11	0.19	0.31	0.33	0.36	0.00	0.00	0.00	0.00	0.00	0.00		
27	0.00	-0.01	0.23	0.31	0.32	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.04	0.26	0.32	0.35	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.23	0.32	0.42	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.20	0.26	0.42	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.17		0.38		0.00	0.00		0.00		0.00		

(Daily Kc values)		Sheet Y: Page 2 of 2			2003	CROP ET								
Safflower														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.000	0.362	0.505	0.998	1.237	1.237	0.725	0.000	0.000	0.000	0.000	0.000		
2	0.000	0.362	0.521	1.014	1.237	1.237	0.693	0.000	0.000	0.000	0.000	0.000		
3	0.000	0.362	0.537	1.030	1.237	1.237	0.661	0.000	0.000	0.000	0.000	0.000		
4	0.000	0.362	0.553	1.046	1.237	1.237	0.629	0.000	0.000	0.000	0.000	0.000		
5	0.000	0.362	0.569	1.062	1.237	1.237	0.597	0.000	0.000	0.000	0.000	0.000		
6	0.000	0.362	0.585	1.078	1.237	1.237	0.565	0.000	0.000	0.000	0.000	0.000		
7	0.000	0.362	0.601	1.094	1.237	1.237	0.533	0.000	0.000	0.000	0.000	0.000		
8	0.000	0.362	0.616	1.110	1.237	1.237	0.501	0.000	0.000	0.000	0.000	0.000		
9	0.000	0.362	0.632	1.126	1.237	1.237	0.469	0.000	0.000	0.000	0.000	0.000		
10	0.000	0.362	0.648	1.142	1.237	1.237	0.437	0.000	0.000	0.000	0.000	0.000		
11	0.000	0.362	0.664	1.158	1.237	1.237	0.000	0.000	0.000	0.000	0.000	0.000		
12	0.000	0.362	0.680	1.173	1.237	1.237	0.000	0.000	0.000	0.000	0.000	0.000		
13	0.000	0.362	0.696	1.189	1.237	1.237	0.000	0.000	0.000	0.000	0.000	0.000		
14	0.000	0.362	0.712	1.205	1.237	1.237	0.000	0.000	0.000	0.000	0.000	0.000		
15	0.000	0.362	0.728	1.221	1.237	1.237	0.000	0.000	0.000	0.000	0.000	0.000		
16	0.000	0.362	0.744	1.237	1.237	1.205	0.000	0.000	0.000	0.000	0.000	0.000		
17	0.000	0.362	0.760	1.237	1.237	1.173	0.000	0.000	0.000	0.000	0.000	0.000		
18	0.000	0.362	0.776	1.237	1.237	1.141	0.000	0.000	0.000	0.000	0.000	0.000		
19	0.000	0.362	0.792	1.237	1.237	1.109	0.000	0.000	0.000	0.000	0.000	0.000		
20	0.000	0.362	0.807	1.237	1.237	1.077	0.000	0.000	0.000	0.000	0.000	0.000		
21	0.000	0.378	0.823	1.237	1.237	1.045	0.000	0.000	0.000	0.000	0.000	0.000		
22	0.000	0.394	0.839	1.237	1.237	1.013	0.000	0.000	0.000	0.000	0.000	0.000		
23	0.000	0.410	0.855	1.237	1.237	0.981	0.000	0.000	0.000	0.000	0.000	0.000		
24	0.000	0.425	0.871	1.237	1.237	0.949	0.000	0.000	0.000	0.000	0.000	0.000		
25	0.000	0.441	0.887	1.237	1.237	0.917	0.000	0.000	0.000	0.000	0.000	0.000		
26	0.000	0.457	0.903	1.237	1.237	0.885	0.000	0.000	0.000	0.000	0.000	0.000		
27	0.000	0.473	0.919	1.237	1.237	0.853	0.000	0.000	0.000	0.000	0.000	0.000		
28	0.000	0.489	0.935	1.237	1.237	0.821	0.000	0.000	0.000	0.000	0.000	0.000		
29	0.000		0.951	1.237	1.237	0.789	0.000	0.000	0.000	0.000	0.000	0.000		
30	0.000		0.967	1.237	1.237	0.757	0.000	0.000	0.000	0.000	0.000	0.000		
31	0.000		0.982		1.237		0.000	0.000		0.000		0.000		

ET calculations for the			Sheet Z: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Deciduous Orchards [pecans & peaches])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56		54.01
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.06	0.05	0.03	0.17	0.17	0.26	0.29	0.11	0.23	0.17	0.08	0.04		
2	0.09	0.09	0.06	0.14	0.20	0.27	0.28	0.21	0.24	0.18	0.05	0.10		
3	0.06	0.07	0.03	0.11	0.21	0.26	0.25	0.24	0.22	0.15	0.10	0.08		
4	0.05	0.03	0.04	0.14	0.21	0.24	0.25	0.23	0.25	0.15	0.07	0.08		
5	0.06	0.06	0.07	0.13	0.18	0.24	0.27	0.24	0.19	0.13	0.06	0.04		
6	0.14	0.07	0.06	0.12	0.21	0.23	0.29	0.27	0.21	0.12	0.06	0.03		
7	0.11	0.08	0.06	0.16	0.21	0.24	0.27	0.25	0.23	0.13	0.06	0.06		
8	-0.05	0.06	0.06	0.19	0.23	0.27	0.28	0.28	0.20	0.13	0.06	0.08		
9	0.02	0.04	0.07	0.13	0.20	0.30	0.24	0.25	0.23	0.14	0.05	0.07		
10	0.02	0.03	0.09	0.14	0.18	0.29	0.27	0.23	0.21	0.16	0.06	0.04		
11	0.04	0.05	0.07	0.16	0.20	0.28	0.30	0.27	0.30	0.23	0.08	0.03		
12	0.03	-0.07	0.08	0.16	0.20	0.27	0.27	0.25	0.18	0.15	-0.02	0.04		
13	0.04	-0.26	0.09	0.17	0.16	0.25	0.29	0.23	0.35	0.27	0.04	0.03		
14	0.02	0.02	0.10	0.17	0.16	0.25	0.26	0.21	0.36	0.14	0.05	0.04		
15	0.05	0.04	-0.04	0.14	0.23	0.26	0.21	0.27	0.21	0.14	0.05	0.07		
16	0.09	0.05	-0.09	0.13	0.23	0.25	0.31	0.19	0.23	0.12	0.01	0.09		
17	0.09	0.03	0.05	0.16	0.25	0.26	0.27	0.22	0.21	0.13	0.05	0.08		
18	0.09	0.04	0.09	0.14	0.23	0.27	0.26	0.24	0.42	0.13	0.08	0.07		
19	0.03	0.05	0.11	0.16	0.36	0.26	0.23	0.27	0.21	0.11	0.08	0.06		
20	0.03	0.08	0.08	0.14	0.32	0.27	0.23	0.20	0.19	0.18	0.05	0.03		
21	0.03	0.08	0.12	0.20	0.23	0.26	0.25	0.21	0.30	0.15	0.09	0.05		
22	0.03	0.05	0.09	0.15	0.23	0.25	0.27	0.15	0.21	0.10	0.13	0.06		
23	0.05	0.05	0.10	0.17	0.23	0.30	0.20	0.21	0.17	0.10	0.11	0.03		
24	0.05	0.06	0.09	0.17	0.23	0.26	0.15	0.19	0.16	0.25	0.06	0.03		
25	0.07	-0.36	0.13	0.18	0.26	0.34	0.18	0.22	0.16	0.34	0.06	0.06		
26	0.08	-0.11	0.13	0.20	0.23	0.36	0.14	0.21	0.20	0.27	0.04	0.04		
27	0.03	-0.01	0.16	0.20	0.23	0.26	0.21	0.14	0.15	0.14	0.12	0.04		
28	0.03	0.04	0.18	0.21	0.24	0.27	0.23	0.18	0.16	0.12	0.09	0.03		
29	0.05		0.15	0.21	0.29	0.30	0.18	0.21	0.17	0.07	0.05	0.02		
30	0.06		0.13	0.17	0.29	0.29	0.25	0.21	0.16	0.19	0.04	0.04		
31	0.08		0.11		0.27		0.23	0.21		0.11		0.02		

(Daily Kc values)		Sheet Z: Page 2 of 2			2003	CROP ET								
Orchards														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.451	0.451	0.479	0.650	0.816	0.866	0.866	0.866	0.866	0.866	0.866	0.740		
2	0.451	0.451	0.485	0.656	0.822	0.866	0.866	0.866	0.866	0.866	0.866	0.732		
3	0.451	0.451	0.490	0.661	0.827	0.866	0.866	0.866	0.866	0.866	0.866	0.723		
4	0.451	0.451	0.496	0.667	0.833	0.866	0.866	0.866	0.866	0.866	0.866	0.715		
5	0.451	0.451	0.501	0.673	0.838	0.866	0.866	0.866	0.866	0.866	0.866	0.706		
6	0.451	0.451	0.507	0.678	0.844	0.866	0.866	0.866	0.866	0.866	0.866	0.698		
7	0.451	0.451	0.512	0.684	0.849	0.866	0.866	0.866	0.866	0.866	0.866	0.690		
8	0.451	0.451	0.518	0.689	0.855	0.866	0.866	0.866	0.866	0.866	0.866	0.681		
9	0.451	0.451	0.523	0.695	0.860	0.866	0.866	0.866	0.866	0.866	0.866	0.673		
10	0.451	0.451	0.529	0.700	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.664		
11	0.451	0.451	0.534	0.706	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.656		
12	0.451	0.451	0.540	0.711	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.648		
13	0.451	0.451	0.545	0.717	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.639		
14	0.451	0.451	0.551	0.722	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.631		
15	0.451	0.451	0.556	0.728	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.622		
16	0.451	0.451	0.562	0.733	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.614		
17	0.451	0.451	0.567	0.739	0.866	0.866	0.866	0.866	0.866	0.866	0.858	0.606		
18	0.451	0.451	0.573	0.744	0.866	0.866	0.866	0.866	0.866	0.866	0.849	0.597		
19	0.451	0.451	0.579	0.750	0.866	0.866	0.866	0.866	0.866	0.866	0.841	0.589		
20	0.451	0.451	0.584	0.755	0.866	0.866	0.866	0.866	0.866	0.866	0.832	0.580		
21	0.451	0.451	0.590	0.761	0.866	0.866	0.866	0.866	0.866	0.866	0.824	0.572		
22	0.451	0.451	0.595	0.766	0.866	0.866	0.866	0.866	0.866	0.866	0.816	0.564		
23	0.451	0.451	0.601	0.772	0.866	0.866	0.866	0.866	0.866	0.866	0.807	0.555		
24	0.451	0.451	0.606	0.778	0.866	0.866	0.866	0.866	0.866	0.866	0.799	0.547		
25	0.451	0.457	0.612	0.783	0.866	0.866	0.866	0.866	0.866	0.866	0.790	0.538		
26	0.451	0.462	0.617	0.789	0.866	0.866	0.866	0.866	0.866	0.866	0.782	0.530		
27	0.451	0.468	0.623	0.794	0.866	0.866	0.866	0.866	0.866	0.866	0.774	0.522		
28	0.451	0.473	0.628	0.800	0.866	0.866	0.866	0.866	0.866	0.866	0.765	0.513		
29	0.451		0.634	0.805	0.866	0.866	0.866	0.866	0.866	0.866	0.757	0.505		
30	0.451		0.639	0.811	0.866	0.866	0.866	0.866	0.866	0.866	0.748	0.496		
31	0.451		0.645		0.866		0.866	0.866		0.866		0.488		

ET calculations for the			Sheet AA: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Small Vegetables [carrots, celantro, celery, garlic, onions, parsley, & radishes])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52		17.35
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.13	0.11	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.05	0.05		
2	0.21	0.19	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.04	0.13		
3	0.13	0.15	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.07	0.11		
4	0.12	0.07	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.05	0.11		
5	0.13	0.14	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.04	0.05		
6	0.31	0.15	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.04		
7	0.24	0.18	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.09		
8	-0.02	0.14	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.12		
9	0.05	0.08	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.04	0.10		
10	0.04	0.07	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.05	0.06		
11	0.08	0.10	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.05		
12	0.06	-0.04	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.06	-0.03	0.06		
13	0.09	-0.24	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.03	0.04		
14	0.05	0.06	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.04	0.07		
15	0.12	0.08	-0.01	0.00	0.00	0.00	0.00	0.00	0.08	0.06	0.05	0.11		
16	0.20	0.10	-0.07	0.00	0.00	0.00	0.00	0.00	0.09	0.05	0.01	0.14		
17	0.20	0.06	0.08	0.00	0.00	0.00	0.00	0.00	0.08	0.06	0.05	0.14		
18	0.21	0.09	0.13	0.00	0.00	0.00	0.00	0.00	0.16	0.06	0.07	0.11		
19	0.07	0.10	0.16	0.00	0.00	0.00	0.00	0.00	0.08	0.05	0.07	0.10		
20	0.07	0.17	0.12	0.00	0.00	0.00	0.00	0.00	0.08	0.09	0.05	0.05		
21	0.06	0.18	0.17	0.00	0.00	0.00	0.00	0.00	0.12	0.07	0.09	0.08		
22	0.07	0.11	0.12	0.00	0.00	0.00	0.00	0.00	0.08	0.05	0.14	0.11		
23	0.10	0.11	0.14	0.00	0.00	0.00	0.00	0.00	0.07	0.05	0.12	0.06		
24	0.12	0.13	0.12	0.00	0.00	0.00	0.00	0.00	0.06	0.14	0.06	0.05		
25	0.15	-0.34	0.18	0.00	0.00	0.00	0.00	0.00	0.06	0.19	0.06	0.12		
26	0.17	-0.07	0.17	0.00	0.00	0.00	0.00	0.00	0.08	0.15	0.05	0.08		
27	0.07	0.03	0.20	0.00	0.00	0.00	0.00	0.00	0.06	0.08	0.15	0.07		
28	0.07	0.08	0.22	0.00	0.00	0.00	0.00	0.00	0.06	0.07	0.11	0.06		
29	0.11		0.19	0.00	0.00	0.00	0.00	0.00	0.07	0.04	0.06	0.03		
30	0.14		0.16	0.00	0.00	0.00	0.00	0.00	0.06	0.12	0.05	0.09		
31	0.18		0.00		0.00		0.00	0.00		0.07		0.05		

(Daily Kc values)		Sheet AA: Page 2 of 2			2003	CROP ET								
Small Vegetables														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.996	0.996	0.989	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.577	0.970		
2	0.996	0.996	0.981	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.590	0.983		
3	0.996	0.996	0.974	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.604	0.996		
4	0.996	0.996	0.966	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.617	0.996		
5	0.996	0.996	0.959	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.630	0.996		
6	0.996	0.996	0.951	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.643	0.996		
7	0.996	0.996	0.944	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.656	0.996		
8	0.996	0.996	0.936	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.669	0.996		
9	0.996	0.996	0.929	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.682	0.996		
10	0.996	0.996	0.921	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.695	0.996		
11	0.996	0.996	0.914	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.708	0.996		
12	0.996	0.996	0.906	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.721	0.996		
13	0.996	0.996	0.899	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.734	0.996		
14	0.996	0.996	0.892	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.748	0.996		
15	0.996	0.996	0.884	0.000	0.000	0.000	0.000	0.000	0.342	0.355	0.761	0.996		
16	0.996	0.996	0.877	0.000	0.000	0.000	0.000	0.000	0.342	0.368	0.774	0.996		
17	0.996	0.996	0.869	0.000	0.000	0.000	0.000	0.000	0.342	0.381	0.787	0.996		
18	0.996	0.996	0.862	0.000	0.000	0.000	0.000	0.000	0.342	0.394	0.800	0.996		
19	0.996	0.996	0.854	0.000	0.000	0.000	0.000	0.000	0.342	0.407	0.813	0.996		
20	0.996	0.996	0.847	0.000	0.000	0.000	0.000	0.000	0.342	0.420	0.826	0.996		
21	0.996	0.996	0.839	0.000	0.000	0.000	0.000	0.000	0.342	0.433	0.839	0.996		
22	0.996	0.996	0.832	0.000	0.000	0.000	0.000	0.000	0.342	0.447	0.852	0.996		
23	0.996	0.996	0.824	0.000	0.000	0.000	0.000	0.000	0.342	0.460	0.865	0.996		
24	0.996	0.996	0.817	0.000	0.000	0.000	0.000	0.000	0.342	0.473	0.878	0.996		
25	0.996	0.996	0.809	0.000	0.000	0.000	0.000	0.000	0.342	0.486	0.891	0.996		
26	0.996	0.996	0.802	0.000	0.000	0.000	0.000	0.000	0.342	0.499	0.905	0.996		
27	0.996	0.996	0.794	0.000	0.000	0.000	0.000	0.000	0.342	0.512	0.918	0.996		
28	0.996	0.996	0.787	0.000	0.000	0.000	0.000	0.000	0.342	0.525	0.931	0.996		
29	0.996		0.780	0.000	0.000	0.000	0.000	0.000	0.342	0.538	0.944	0.996		
30	0.996		0.772	0.000	0.000	0.000	0.000	0.000	0.342	0.551	0.957	0.996		
31	0.996		0.000		0.000		0.000	0.000		0.564		0.996		

ET calculations for the			Sheet AB: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Root Vegetables [tables beets, parsnips, turnips, & rutabagas])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38		11.85
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.09	0.05		
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.06	0.14		
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.12	0.12		
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.09	0.08	0.12		
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.07	0.05		
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.07	0.04		
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.07	0.09		
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.09	0.07	0.12		
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.10	0.06	0.10		
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.12	0.07	0.06		
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.18	0.09	0.05		
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12	-0.02	0.06		
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.22	0.05	0.04		
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.12	0.06	0.07		
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.12	0.06	0.11		
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.11	0.02	0.14		
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.12	0.06	0.14		
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.12	0.09	0.11		
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.11	0.09	0.10		
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.18	0.06	0.05		
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.15	0.12	0.08		
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.11	0.17	0.11		
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.10	0.15	0.06		
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.27	0.07	0.05		
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.37	0.07	0.11		
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.30	0.05	0.08		
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.16	0.17	0.07		
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.14	0.13	0.06		
29	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.06	0.03		
30	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.23	0.05	0.00		
31	0.00		0.00		0.00		0.00	0.00		0.14		0.00		

(Daily Kc values)		Sheet AB: Page 2 of 2			2003	CROP ET								
Root Vegetables														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.463	1.048	1.048		
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.483	1.048	1.048		
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.503	1.048	1.048		
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.523	1.048	1.048		
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.544	1.048	1.043		
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.564	1.048	1.039		
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.584	1.048	1.034		
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.604	1.048	1.029		
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.624	1.048	1.024		
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.645	1.048	1.020		
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.665	1.048	1.015		
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.685	1.048	1.010		
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.705	1.048	1.005		
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.725	1.048	1.001		
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.745	1.048	0.996		
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.766	1.048	0.991		
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.786	1.048	0.986		
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.806	1.048	0.982		
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.826	1.048	0.977		
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.846	1.048	0.972		
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.866	1.048	0.967		
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.887	1.048	0.963		
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.907	1.048	0.958		
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.927	1.048	0.953		
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.947	1.048	0.948		
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.967	1.048	0.944		
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.382	0.988	1.048	0.939		
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.402	1.008	1.048	0.934		
29	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.423	1.028	1.048	0.930		
30	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.443	1.048	1.048	0.000		
31	0.000		0.000		0.000		0.000	0.000		1.048		0.000		

ET calculations for the			Sheet AC: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Perennial Vegtables [artichokes & asparagus])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09		52.69
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.06	0.05	0.03	0.15	0.19	0.28	0.32	0.12	0.24	0.15	0.05	0.02		
2	0.09	0.08	0.06	0.13	0.22	0.29	0.30	0.22	0.25	0.15	0.03	0.06		
3	0.06	0.07	0.03	0.09	0.23	0.28	0.27	0.26	0.22	0.12	0.06	0.05		
4	0.05	0.03	0.04	0.13	0.23	0.26	0.27	0.25	0.26	0.12	0.04	0.05		
5	0.06	0.06	0.06	0.12	0.21	0.26	0.29	0.26	0.19	0.11	0.04	0.02		
6	0.14	0.07	0.05	0.11	0.23	0.25	0.32	0.29	0.21	0.10	0.04	0.02		
7	0.10	0.08	0.05	0.15	0.23	0.26	0.29	0.27	0.23	0.10	0.04	0.04		
8	-0.05	0.06	0.05	0.18	0.25	0.29	0.30	0.30	0.20	0.10	0.03	0.05		
9	0.02	0.03	0.06	0.12	0.21	0.33	0.26	0.27	0.23	0.11	0.03	0.04		
10	0.02	0.03	0.07	0.13	0.20	0.31	0.29	0.25	0.20	0.13	0.03	0.03		
11	0.03	0.04	0.06	0.15	0.21	0.30	0.33	0.29	0.30	0.18	0.04	0.02		
12	0.03	-0.07	0.06	0.16	0.21	0.29	0.29	0.27	0.18	0.11	-0.03	0.03		
13	0.04	-0.26	0.07	0.17	0.18	0.27	0.31	0.24	0.33	0.20	0.01	0.02		
14	0.02	0.02	0.08	0.17	0.18	0.27	0.28	0.22	0.35	0.10	0.03	0.03		
15	0.05	0.03	-0.05	0.14	0.24	0.28	0.22	0.29	0.20	0.10	0.03	0.05		
16	0.09	0.04	-0.10	0.13	0.25	0.27	0.34	0.21	0.22	0.09	-0.01	0.06		
17	0.09	0.03	0.03	0.16	0.27	0.28	0.29	0.23	0.19	0.09	0.03	0.06		
18	0.09	0.04	0.07	0.14	0.24	0.29	0.28	0.26	0.38	0.09	0.04	0.05		
19	0.03	0.04	0.08	0.16	0.39	0.28	0.25	0.29	0.19	0.08	0.04	0.04		
20	0.03	0.07	0.06	0.14	0.35	0.29	0.25	0.21	0.17	0.13	0.03	0.02		
21	0.03	0.08	0.09	0.21	0.24	0.28	0.27	0.22	0.27	0.10	0.05	0.03		
22	0.03	0.05	0.07	0.16	0.25	0.27	0.29	0.16	0.19	0.07	0.07	0.05		
23	0.04	0.05	0.08	0.18	0.25	0.33	0.21	0.22	0.15	0.07	0.06	0.03		
24	0.05	0.06	0.07	0.18	0.25	0.28	0.16	0.21	0.14	0.17	0.03	0.02		
25	0.07	-0.36	0.11	0.19	0.28	0.36	0.20	0.23	0.14	0.23	0.03	0.05		
26	0.07	-0.11	0.11	0.21	0.25	0.38	0.15	0.22	0.17	0.18	0.02	0.03		
27	0.03	-0.02	0.13	0.21	0.24	0.28	0.22	0.15	0.13	0.09	0.06	0.03		
28	0.03	0.03	0.15	0.23	0.26	0.29	0.24	0.20	0.14	0.08	0.05	0.03		
29	0.05		0.13	0.23	0.32	0.33	0.20	0.22	0.15	0.04	0.02	0.01		
30	0.06		0.11	0.19	0.32	0.32	0.27	0.22	0.14	0.12	0.00	0.04		
31	0.08		0.09		0.29		0.24	0.22		0.07		0.02		

(Daily Kc values)		Sheet AC: Page 2 of 2			2003	CROP ET								
Perennial Vegetables														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.436	0.436	0.436	0.569	0.900	0.933	0.933	0.933	0.904	0.725	0.540	0.436		
2	0.436	0.436	0.436	0.580	0.911	0.933	0.933	0.933	0.898	0.719	0.535	0.436		
3	0.436	0.436	0.436	0.591	0.922	0.933	0.933	0.933	0.892	0.713	0.529	0.436		
4	0.436	0.436	0.436	0.602	0.933	0.933	0.933	0.933	0.886	0.707	0.523	0.436		
5	0.436	0.436	0.436	0.613	0.933	0.933	0.933	0.933	0.880	0.701	0.517	0.436		
6	0.436	0.436	0.436	0.624	0.933	0.933	0.933	0.933	0.874	0.695	0.511	0.436		
7	0.436	0.436	0.436	0.635	0.933	0.933	0.933	0.933	0.868	0.689	0.505	0.436		
8	0.436	0.436	0.436	0.646	0.933	0.933	0.933	0.933	0.862	0.683	0.499	0.436		
9	0.436	0.436	0.436	0.657	0.933	0.933	0.933	0.933	0.856	0.677	0.493	0.436		
10	0.436	0.436	0.436	0.668	0.933	0.933	0.933	0.933	0.850	0.671	0.487	0.436		
11	0.436	0.436	0.436	0.679	0.933	0.933	0.933	0.933	0.844	0.665	0.481	0.436		
12	0.436	0.436	0.436	0.690	0.933	0.933	0.933	0.933	0.838	0.660	0.475	0.436		
13	0.436	0.436	0.436	0.701	0.933	0.933	0.933	0.933	0.832	0.654	0.469	0.436		
14	0.436	0.436	0.436	0.712	0.933	0.933	0.933	0.933	0.826	0.648	0.463	0.436		
15	0.436	0.436	0.436	0.723	0.933	0.933	0.933	0.933	0.820	0.642	0.457	0.436		
16	0.436	0.436	0.436	0.735	0.933	0.933	0.933	0.933	0.814	0.636	0.451	0.436		
17	0.436	0.436	0.436	0.746	0.933	0.933	0.933	0.933	0.808	0.630	0.445	0.436		
18	0.436	0.436	0.436	0.757	0.933	0.933	0.933	0.933	0.802	0.624	0.439	0.436		
19	0.436	0.436	0.436	0.768	0.933	0.933	0.933	0.933	0.796	0.618	0.433	0.436		
20	0.436	0.436	0.436	0.779	0.933	0.933	0.933	0.933	0.791	0.612	0.427	0.436		
21	0.436	0.436	0.447	0.790	0.933	0.933	0.933	0.933	0.785	0.606	0.421	0.436		
22	0.436	0.436	0.458	0.801	0.933	0.933	0.933	0.933	0.779	0.600	0.415	0.436		
23	0.436	0.436	0.469	0.812	0.933	0.933	0.933	0.933	0.773	0.594	0.409	0.436		
24	0.436	0.436	0.480	0.823	0.933	0.933	0.933	0.933	0.767	0.588	0.404	0.436		
25	0.436	0.436	0.491	0.834	0.933	0.933	0.933	0.933	0.761	0.582	0.398	0.436		
26	0.436	0.436	0.502	0.845	0.933	0.933	0.933	0.933	0.755	0.576	0.392	0.436		
27	0.436	0.436	0.514	0.856	0.933	0.933	0.933	0.933	0.749	0.570	0.386	0.436		
28	0.436	0.436	0.525	0.867	0.933	0.933	0.933	0.927	0.743	0.564	0.380	0.436		
29	0.436		0.536	0.878	0.933	0.933	0.933	0.922	0.737	0.558	0.374	0.436		
30	0.436		0.547	0.889	0.933	0.933	0.933	0.916	0.731	0.552	0.000	0.436		
31	0.436		0.558		0.933		0.933	0.910		0.546		0.436		

ET calculations for the			Sheet AD: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Sugar Beets)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47		30.92
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.14	0.12	0.08	0.28	0.19	0.17	0.00	0.00	0.00	0.07	0.04	0.04		
2	0.23	0.20	0.14	0.24	0.22	0.00	0.00	0.00	0.00	0.07	0.03	0.11		
3	0.14	0.16	0.08	0.17	0.22	0.00	0.00	0.00	0.00	0.06	0.06	0.09		
4	0.13	0.08	0.10	0.23	0.22	0.00	0.00	0.00	0.00	0.06	0.04	0.09		
5	0.14	0.15	0.14	0.20	0.19	0.00	0.00	0.00	0.00	0.05	0.04	0.04		
6	0.33	0.16	0.13	0.18	0.21	0.00	0.00	0.00	0.00	0.05	0.04	0.04		
7	0.26	0.19	0.13	0.26	0.21	0.00	0.00	0.00	0.00	0.05	0.04	0.08		
8	-0.02	0.15	0.13	0.30	0.23	0.00	0.00	0.00	0.00	0.05	0.04	0.11		
9	0.05	0.09	0.15	0.20	0.19	0.00	0.00	0.00	0.00	0.05	0.03	0.09		
10	0.04	0.08	0.18	0.21	0.17	0.00	0.00	0.00	0.00	0.06	0.04	0.06		
11	0.09	0.11	0.15	0.24	0.18	0.00	0.00	0.00	0.00	0.09	0.05	0.05		
12	0.06	-0.03	0.15	0.25	0.18	0.00	0.00	0.00	0.00	0.06	-0.03	0.06		
13	0.10	-0.23	0.17	0.26	0.15	0.00	0.00	0.00	0.00	0.10	0.02	0.04		
14	0.05	0.07	0.19	0.26	0.15	0.00	0.00	0.00	0.00	0.05	0.04	0.07		
15	0.13	0.09	0.01	0.20	0.20	0.00	0.00	0.00	0.00	0.05	0.04	0.11		
16	0.21	0.11	-0.05	0.19	0.20	0.00	0.00	0.00	0.00	0.05	0.00	0.14		
17	0.21	0.06	0.10	0.23	0.21	0.00	0.00	0.00	0.00	0.05	0.04	0.14		
18	0.23	0.10	0.16	0.20	0.19	0.00	0.00	0.00	0.00	0.05	0.06	0.11		
19	0.08	0.11	0.20	0.22	0.30	0.00	0.00	0.00	0.00	0.04	0.06	0.10		
20	0.08	0.18	0.15	0.19	0.26	0.00	0.00	0.00	0.07	0.07	0.04	0.05		
21	0.06	0.19	0.21	0.27	0.18	0.00	0.00	0.00	0.12	0.06	0.08	0.08		
22	0.08	0.12	0.16	0.20	0.18	0.00	0.00	0.00	0.08	0.04	0.12	0.12		
23	0.11	0.12	0.18	0.22	0.18	0.00	0.00	0.00	0.07	0.04	0.10	0.06		
24	0.13	0.14	0.16	0.22	0.18	0.00	0.00	0.00	0.06	0.11	0.05	0.05		
25	0.16	-0.34	0.24	0.23	0.19	0.00	0.00	0.00	0.06	0.16	0.05	0.12		
26	0.18	-0.06	0.23	0.24	0.17	0.00	0.00	0.00	0.08	0.13	0.04	0.09		
27	0.08	0.03	0.27	0.24	0.16	0.00	0.00	0.00	0.06	0.07	0.12	0.08		
28	0.08	0.09	0.30	0.25	0.17	0.00	0.00	0.00	0.06	0.06	0.09	0.06		
29	0.12		0.26	0.24	0.20	0.00	0.00	0.00	0.07	0.04	0.05	0.03		
30	0.15		0.23	0.19	0.20	0.00	0.00	0.00	0.06	0.10	0.04	0.10		
31	0.19		0.18		0.18		0.00	0.00		0.06		0.05		

(Daily Kc values)		Sheet AD: Page 2 of 2			2003	CROP ET						
Sugar Beets												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	1.072	1.072	1.072	1.072	0.913	0.563	0.000	0.000	0.000	0.334	0.482	0.822
2	1.072	1.072	1.072	1.072	0.902	0.000	0.000	0.000	0.000	0.334	0.493	0.833
3	1.072	1.072	1.072	1.072	0.891	0.000	0.000	0.000	0.000	0.334	0.504	0.845
4	1.072	1.072	1.072	1.072	0.879	0.000	0.000	0.000	0.000	0.334	0.516	0.856
5	1.072	1.072	1.072	1.072	0.868	0.000	0.000	0.000	0.000	0.334	0.527	0.867
6	1.072	1.072	1.072	1.072	0.857	0.000	0.000	0.000	0.000	0.334	0.538	0.879
7	1.072	1.072	1.072	1.072	0.845	0.000	0.000	0.000	0.000	0.334	0.550	0.890
8	1.072	1.072	1.072	1.072	0.834	0.000	0.000	0.000	0.000	0.334	0.561	0.901
9	1.072	1.072	1.072	1.072	0.823	0.000	0.000	0.000	0.000	0.334	0.572	0.913
10	1.072	1.072	1.072	1.072	0.812	0.000	0.000	0.000	0.000	0.334	0.584	0.924
11	1.072	1.072	1.072	1.072	0.800	0.000	0.000	0.000	0.000	0.334	0.595	0.935
12	1.072	1.072	1.072	1.072	0.789	0.000	0.000	0.000	0.000	0.334	0.606	0.947
13	1.072	1.072	1.072	1.072	0.778	0.000	0.000	0.000	0.000	0.334	0.618	0.958
14	1.072	1.072	1.072	1.072	0.766	0.000	0.000	0.000	0.000	0.334	0.629	0.969
15	1.072	1.072	1.072	1.072	0.755	0.000	0.000	0.000	0.000	0.334	0.640	0.981
16	1.072	1.072	1.072	1.072	0.744	0.000	0.000	0.000	0.000	0.334	0.652	0.992
17	1.072	1.072	1.072	1.072	0.732	0.000	0.000	0.000	0.000	0.334	0.663	1.003
18	1.072	1.072	1.072	1.060	0.721	0.000	0.000	0.000	0.000	0.334	0.674	1.015
19	1.072	1.072	1.072	1.049	0.710	0.000	0.000	0.000	0.000	0.334	0.686	1.026
20	1.072	1.072	1.072	1.038	0.699	0.000	0.000	0.000	0.334	0.345	0.697	1.038
21	1.072	1.072	1.072	1.026	0.687	0.000	0.000	0.000	0.334	0.357	0.708	1.049
22	1.072	1.072	1.072	1.015	0.676	0.000	0.000	0.000	0.334	0.368	0.720	1.060
23	1.072	1.072	1.072	1.004	0.665	0.000	0.000	0.000	0.334	0.379	0.731	1.072
24	1.072	1.072	1.072	0.992	0.653	0.000	0.000	0.000	0.334	0.391	0.743	1.072
25	1.072	1.072	1.072	0.981	0.642	0.000	0.000	0.000	0.334	0.402	0.754	1.072
26	1.072	1.072	1.072	0.970	0.631	0.000	0.000	0.000	0.334	0.413	0.765	1.072
27	1.072	1.072	1.072	0.959	0.619	0.000	0.000	0.000	0.334	0.425	0.777	1.072
28	1.072	1.072	1.072	0.947	0.608	0.000	0.000	0.000	0.334	0.436	0.788	1.072
29	1.072		1.072	0.936	0.597	0.000	0.000	0.000	0.334	0.448	0.799	1.072
30	1.072		1.072	0.925	0.586	0.000	0.000	0.000	0.334	0.459	0.811	1.072
31	1.072		1.072		0.574		0.000	0.000		0.470		1.072

ET calculations for the			Sheet AE: Page 1 of 2		2003	CROP ET								
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Grapes)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00		34.22
(Daily ET values after effective precipitation has been removed)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.01	0.12	0.17	0.26	0.29	0.10	0.13	0.00	0.00	0.00		
2	0.00	0.00	0.02	0.10	0.19	0.26	0.27	0.18	0.14	0.00	0.00	0.00		
3	0.00	0.00	0.01	0.08	0.20	0.26	0.24	0.20	0.12	0.00	0.00	0.00		
4	0.00	0.00	0.01	0.11	0.21	0.24	0.24	0.20	0.13	0.00	0.00	0.00		
5	0.00	0.00	0.02	0.10	0.18	0.24	0.26	0.20	0.10	0.00	0.00	0.00		
6	0.00	0.00	0.02	0.09	0.21	0.23	0.29	0.22	0.11	0.00	0.00	0.00		
7	0.00	0.00	0.02	0.13	0.21	0.24	0.26	0.20	0.11	0.00	0.00	0.00		
8	0.00	0.00	0.02	0.15	0.23	0.26	0.27	0.22	0.10	0.00	0.00	0.00		
9	0.00	0.00	0.03	0.11	0.20	0.30	0.23	0.20	0.11	0.00	0.00	0.00		
10	0.00	0.00	0.04	0.12	0.18	0.28	0.26	0.18	0.09	0.00	0.00	0.00		
11	0.00	0.00	0.03	0.13	0.20	0.27	0.29	0.21	0.13	0.00	0.00	0.00		
12	0.00	0.00	0.03	0.14	0.20	0.26	0.26	0.19	0.08	0.00	0.00	0.00		
13	0.00	0.00	0.04	0.15	0.16	0.25	0.27	0.17	0.14	0.00	0.00	0.00		
14	0.00	0.00	0.05	0.15	0.16	0.25	0.25	0.16	0.15	0.00	0.00	0.00		
15	0.00	0.01	-0.07	0.12	0.22	0.25	0.20	0.20	0.08	0.00	0.00	0.00		
16	0.00	0.01	-0.11	0.12	0.23	0.25	0.29	0.14	0.09	0.00	0.00	0.00		
17	0.00	0.01	0.02	0.14	0.25	0.25	0.25	0.16	0.07	0.00	0.00	0.00		
18	0.00	0.01	0.04	0.13	0.22	0.26	0.24	0.17	0.14	0.00	0.00	0.00		
19	0.00	0.01	0.06	0.14	0.36	0.25	0.22	0.19	0.07	0.00	0.00	0.00		
20	0.00	0.02	0.04	0.13	0.31	0.26	0.22	0.14	0.06	0.00	0.00	0.00		
21	0.00	0.02	0.07	0.18	0.22	0.25	0.23	0.14	0.00	0.00	0.00	0.00		
22	0.00	0.01	0.05	0.14	0.23	0.25	0.25	0.10	0.00	0.00	0.00	0.00		
23	0.00	0.01	0.06	0.16	0.23	0.30	0.18	0.14	0.00	0.00	0.00	0.00		
24	0.00	0.02	0.05	0.16	0.23	0.26	0.13	0.13	0.00	0.00	0.00	0.00		
25	0.00	-0.38	0.08	0.17	0.26	0.33	0.16	0.14	0.00	0.00	0.00	0.00		
26	0.00	-0.13	0.08	0.19	0.23	0.35	0.12	0.13	0.00	0.00	0.00	0.00		
27	0.00	-0.04	0.10	0.19	0.22	0.25	0.18	0.09	0.00	0.00	0.00	0.00		
28	0.00	0.01	0.12	0.20	0.24	0.26	0.20	0.11	0.00	0.00	0.00	0.00		
29	0.00		0.10	0.20	0.29	0.30	0.16	0.13	0.00	0.00	0.00	0.00		
30	0.00		0.09	0.17	0.29	0.29	0.22	0.12	0.00	0.00	0.00	0.00		
31	0.00		0.08		0.26		0.19	0.12		0.00		0.00		

(Daily Kc values)		Sheet AE: Page 2 of 2			2003	CROP ET						
Grapes												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.000	0.145	0.464	0.801	0.850	0.846	0.742	0.493	0.000	0.000	0.000
2	0.000	0.000	0.151	0.476	0.809	0.850	0.845	0.736	0.483	0.000	0.000	0.000
3	0.000	0.000	0.158	0.489	0.817	0.850	0.844	0.730	0.472	0.000	0.000	0.000
4	0.000	0.000	0.165	0.502	0.824	0.850	0.843	0.724	0.461	0.000	0.000	0.000
5	0.000	0.000	0.172	0.514	0.831	0.850	0.841	0.718	0.450	0.000	0.000	0.000
6	0.000	0.000	0.180	0.527	0.837	0.850	0.839	0.711	0.439	0.000	0.000	0.000
7	0.000	0.000	0.188	0.539	0.843	0.850	0.837	0.705	0.428	0.000	0.000	0.000
8	0.000	0.000	0.196	0.552	0.849	0.850	0.835	0.698	0.417	0.000	0.000	0.000
9	0.000	0.000	0.205	0.565	0.850	0.850	0.833	0.691	0.405	0.000	0.000	0.000
10	0.000	0.000	0.214	0.577	0.850	0.850	0.831	0.684	0.394	0.000	0.000	0.000
11	0.000	0.000	0.223	0.589	0.850	0.850	0.828	0.677	0.382	0.000	0.000	0.000
12	0.000	0.000	0.233	0.602	0.850	0.850	0.826	0.670	0.370	0.000	0.000	0.000
13	0.000	0.000	0.242	0.614	0.850	0.850	0.823	0.663	0.358	0.000	0.000	0.000
14	0.000	0.107	0.252	0.626	0.850	0.850	0.820	0.655	0.346	0.000	0.000	0.000
15	0.000	0.106	0.263	0.638	0.850	0.844	0.817	0.647	0.333	0.000	0.000	0.000
16	0.000	0.105	0.273	0.650	0.850	0.845	0.814	0.639	0.321	0.000	0.000	0.000
17	0.000	0.105	0.284	0.661	0.850	0.846	0.810	0.631	0.308	0.000	0.000	0.000
18	0.000	0.106	0.295	0.673	0.850	0.847	0.807	0.623	0.295	0.000	0.000	0.000
19	0.000	0.107	0.306	0.684	0.850	0.848	0.803	0.615	0.282	0.000	0.000	0.000
20	0.000	0.109	0.317	0.695	0.850	0.849	0.799	0.606	0.269	0.000	0.000	0.000
21	0.000	0.111	0.329	0.706	0.850	0.849	0.795	0.598	0.000	0.000	0.000	0.000
22	0.000	0.113	0.341	0.717	0.850	0.850	0.791	0.589	0.000	0.000	0.000	0.000
23	0.000	0.117	0.353	0.727	0.850	0.850	0.787	0.580	0.000	0.000	0.000	0.000
24	0.000	0.120	0.364	0.737	0.850	0.850	0.783	0.571	0.000	0.000	0.000	0.000
25	0.000	0.124	0.377	0.747	0.850	0.850	0.778	0.562	0.000	0.000	0.000	0.000
26	0.000	0.129	0.389	0.757	0.850	0.850	0.773	0.552	0.000	0.000	0.000	0.000
27	0.000	0.134	0.401	0.766	0.850	0.849	0.768	0.543	0.000	0.000	0.000	0.000
28	0.000	0.139	0.413	0.776	0.850	0.849	0.763	0.533	0.000	0.000	0.000	0.000
29	0.000		0.426	0.784	0.850	0.848	0.758	0.523	0.000	0.000	0.000	0.000
30	0.000		0.438	0.793	0.850	0.847	0.753	0.513	0.000	0.000	0.000	0.000
31	0.000		0.451		0.850		0.747	0.503		0.000		0.000

ET calculations for the			Sheet AF: Page 1 of 2			2003	CROP ET							
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Herbs-miscellaneous)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Herbs-misc	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27		11.50
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.12	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04		
2	0.19	0.17	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.11		
3	0.12	0.14	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.09		
4	0.11	0.06	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.09		
5	0.12	0.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04		
6	0.28	0.14	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04		
7	0.22	0.16	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08		
8	-0.03	0.13	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.11		
9	0.05	0.07	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.09		
10	0.04	0.06	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.05		
11	0.07	0.09	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05		
12	0.05	-0.04	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.05		
13	0.08	-0.24	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04		
14	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.06		
15	0.11	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.03	0.10		
16	0.18	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.13		
17	0.18	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.04	0.13		
18	0.19	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.05	0.10		
19	0.06	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.09		
20	0.06	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.04	0.05		
21	0.05	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.07	0.07		
22	0.06	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.11	0.10		
23	0.09	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.10	0.05		
24	0.11	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.05	0.05		
25	0.14	-0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.05	0.11		
26	0.16	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.04	0.08		
27	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12	0.06		
28	0.06	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.09	0.05		
29	0.10		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.03		
30	0.13		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.04	0.08		
31	0.16		0.00		0.00		0.00	0.00		0.06		0.05		

(Daily Kc values)		Sheet AF: Page 2 of 2			2003	CROP ET								
Herbs-misc														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.912	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.804		
2	0.912	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.820		
3	0.912	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.835		
4	0.912	0.912	0.904	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.850		
5	0.912	0.912	0.896	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.866		
6	0.912	0.912	0.888	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.881		
7	0.912	0.912	0.880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.897		
8	0.912	0.912	0.872	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.912		
9	0.912	0.912	0.864	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.466	0.912		
10	0.912	0.912	0.856	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.481	0.912		
11	0.912	0.912	0.848	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.497	0.912		
12	0.912	0.912	0.840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.512	0.912		
13	0.912	0.912	0.832	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.527	0.912		
14	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.543	0.912		
15	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.558	0.912		
16	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.574	0.912		
17	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.589	0.912		
18	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.604	0.912		
19	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.620	0.912		
20	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.635	0.912		
21	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.651	0.912		
22	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.666	0.912		
23	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.681	0.912		
24	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.697	0.912		
25	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.712	0.912		
26	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.727	0.912		
27	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.743	0.912		
28	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.758	0.912		
29	0.912		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.774	0.912		
30	0.912		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.789	0.912		
31	0.912		0.000		0.000		0.000	0.000		0.451		0.912		

ET calculations for the			Sheet AT: Page 1 of 2			2003	CROP ET							
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Wildlife Refuge Moist Soil Unit)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53		58.43
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.13	0.11	0.08	0.26	0.21	0.05	0.27	0.15	0.29	0.20	0.09	0.05		
2	0.21	0.19	0.13	0.22	0.24	0.06	0.27	0.28	0.29	0.21	0.06	0.13		
3	0.13	0.15	0.07	0.16	0.25	0.05	0.26	0.32	0.25	0.17	0.11	0.11		
4	0.12	0.07	0.09	0.21	0.25	0.05	0.27	0.31	0.28	0.17	0.08	0.11		
5	0.13	0.14	0.13	0.19	0.22	0.05	0.30	0.32	0.21	0.15	0.07	0.05		
6	0.31	0.15	0.12	0.17	0.25	0.05	0.34	0.36	0.22	0.14	0.07	0.04		
7	0.24	0.18	0.12	0.24	0.25	0.05	0.32	0.33	0.23	0.15	0.07	0.09		
8	-0.02	0.14	0.12	0.28	0.27	0.06	0.34	0.37	0.20	0.15	0.07	0.12		
9	0.05	0.08	0.14	0.19	0.23	0.06	0.31	0.33	0.23	0.16	0.06	0.10		
10	0.04	0.07	0.17	0.20	0.21	0.06	0.36	0.31	0.19	0.19	0.07	0.06		
11	0.08	0.10	0.14	0.22	0.23	0.06	0.40	0.36	0.27	0.27	0.09	0.05		
12	0.06	-0.04	0.14	0.23	0.10	0.06	0.36	0.33	0.16	0.17	-0.02	0.06		
13	0.09	-0.24	0.16	0.24	0.08	0.05	0.38	0.30	0.29	0.31	0.04	0.04		
14	0.05	0.06	0.18	0.24	0.09	0.05	0.35	0.28	0.29	0.16	0.06	0.07		
15	0.12	0.08	0.01	0.19	0.11	0.05	0.28	0.36	0.16	0.16	0.06	0.11		
16	0.20	0.10	-0.06	0.18	0.12	0.06	0.41	0.25	0.17	0.14	0.02	0.14		
17	0.20	0.06	0.10	0.21	0.13	0.08	0.36	0.29	0.15	0.15	0.06	0.14		
18	0.21	0.09	0.15	0.19	0.11	0.09	0.35	0.32	0.28	0.15	0.09	0.11		
19	0.07	0.10	0.19	0.21	0.18	0.10	0.31	0.36	0.13	0.13	0.09	0.10		
20	0.07	0.17	0.14	0.18	0.16	0.11	0.31	0.26	0.12	0.21	0.06	0.05		
21	0.06	0.18	0.20	0.26	0.10	0.12	0.33	0.28	0.18	0.17	0.11	0.08		
22	0.07	0.11	0.15	0.20	0.10	0.13	0.36	0.20	0.12	0.12	0.16	0.11		
23	0.10	0.11	0.07	0.13	0.08	0.09	0.13	0.13	0.11	0.11	0.14	0.06		
24	0.12	0.13	0.15	0.22	0.09	0.16	0.20	0.25	0.08	0.29	0.07	0.05		
25	0.15	-0.34	0.22	0.23	0.10	0.22	0.24	0.29	0.07	0.39	0.07	0.12		
26	0.17	-0.07	0.21	0.25	0.08	0.25	0.18	0.28	0.08	0.31	0.05	0.08		
27	0.07	0.03	0.25	0.25	0.07	0.19	0.28	0.18	0.06	0.16	0.16	0.07		
28	0.07	0.08	0.28	0.26	0.07	0.21	0.30	0.24	0.06	0.14	0.12	0.06		
29	0.11	0.00	0.24	0.26	0.08	0.25	0.24	0.28	0.06	0.08	0.06	0.03		
30	0.14	0.00	0.21	0.21	0.07	0.26	0.33	0.27	0.05	0.22	0.05	0.09		
31	0.18	0.00	0.17	0.00	0.06	0.00	0.30	0.26	0.00	0.13	0.00	0.05		

(Daily Kc values)		Sheet AT: Page 2 of 2				2003	CROP ET							
Moist Soil Unit														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	1.000	1.000	1.000	1.000	1.000	0.180	0.800	1.150	1.070	1.000	1.000	1.000		
2	1.000	1.000	1.000	1.000	1.000	0.180	0.840	1.150	1.040	1.000	1.000	1.000		
3	1.000	1.000	1.000	1.000	1.000	0.180	0.880	1.150	1.010	1.000	1.000	1.000		
4	1.000	1.000	1.000	1.000	1.000	0.180	0.920	1.150	0.980	1.000	1.000	1.000		
5	1.000	1.000	1.000	1.000	1.000	0.180	0.960	1.150	0.950	1.000	1.000	1.000		
6	1.000	1.000	1.000	1.000	1.000	0.180	0.990	1.150	0.930	1.000	1.000	1.000		
7	1.000	1.000	1.000	1.000	1.000	0.180	1.030	1.150	0.900	1.000	1.000	1.000		
8	1.000	1.000	1.000	1.000	1.000	0.180	1.070	1.150	0.870	1.000	1.000	1.000		
9	1.000	1.000	1.000	1.000	1.000	0.180	1.110	1.150	0.840	1.000	1.000	1.000		
10	1.000	1.000	1.000	1.000	1.000	0.180	1.150	1.150	0.810	1.000	1.000	1.000		
11	1.000	1.000	1.000	1.000	1.000	0.180	1.150	1.150	0.780	1.000	1.000	1.000		
12	1.000	1.000	1.000	1.000	0.440	0.180	1.150	1.150	0.760	1.000	1.000	1.000		
13	1.000	1.000	1.000	1.000	0.440	0.180	1.150	1.150	0.730	1.000	1.000	1.000		
14	1.000	1.000	1.000	1.000	0.460	0.180	1.150	1.150	0.700	1.000	1.000	1.000		
15	1.000	1.000	1.000	1.000	0.440	0.180	1.150	1.150	0.670	1.000	1.000	1.000		
16	1.000	1.000	1.000	1.000	0.430	0.220	1.150	1.150	0.640	1.000	1.000	1.000		
17	1.000	1.000	1.000	1.000	0.440	0.250	1.150	1.150	0.620	1.000	1.000	1.000		
18	1.000	1.000	1.000	1.000	0.440	0.290	1.150	1.150	0.590	1.000	1.000	1.000		
19	1.000	1.000	1.000	1.000	0.420	0.330	1.150	1.150	0.560	1.000	1.000	1.000		
20	1.000	1.000	1.000	1.000	0.420	0.370	1.150	1.150	0.530	1.000	1.000	1.000		
21	1.000	1.000	1.000	1.000	0.400	0.410	1.150	1.150	0.500	1.000	1.000	1.000		
22	1.000	1.000	1.000	1.000	0.380	0.450	1.150	1.150	0.480	1.000	1.000	1.000		
23	1.000	1.000	0.440	0.600	0.280	0.250	0.550	0.550	0.550	1.000	1.000	1.000		
24	1.000	1.000	1.000	1.000	0.340	0.530	1.150	1.150	0.420	1.000	1.000	1.000		
25	1.000	1.000	1.000	1.000	0.320	0.570	1.150	1.150	0.390	1.000	1.000	1.000		
26	1.000	1.000	1.000	1.000	0.300	0.600	1.150	1.150	0.360	1.000	1.000	1.000		
27	1.000	1.000	1.000	1.000	0.280	0.640	1.150	1.150	0.330	1.000	1.000	1.000		
28	1.000	1.000	1.000	1.000	0.260	0.680	1.150	1.150	0.310	1.000	1.000	1.000		
29	1.000		1.000	1.000	0.240	0.720	1.150	1.150	0.280	1.000	1.000	1.000		
30	1.000		1.000	1.000	0.220	0.760	1.150	1.120	0.250	1.000	1.000	1.000		
31	1.000		1.000		0.200		1.150	1.090		1.000		1.000		

ET calculations for the			Sheet AU: Page 1 of 2			2003	CROP ET							
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified as Wildlife Refuge Seasonal Wetland)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Seasonal Wetland	3.73	1.998	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53		42.30
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.13	0.11	0.08	0.11	0.13	0.08	0.10	0.07	0.15	0.20	0.09	0.05		
2	0.21	0.19	0.13	0.10	0.14	0.08	0.10	0.13	0.15	0.21	0.06	0.13		
3	0.13	0.15	0.07	0.08	0.15	0.07	0.10	0.15	0.14	0.17	0.11	0.11		
4	0.12	0.07	0.09	0.10	0.15	0.08	0.11	0.15	0.16	0.17	0.08	0.11		
5	0.13	0.14	0.13	0.10	0.13	0.08	0.12	0.15	0.12	0.15	0.07	0.05		
6	0.31	0.15	0.12	0.09	0.15	0.07	0.15	0.17	0.13	0.14	0.07	0.04		
7	0.24	0.18	0.12	0.13	0.15	0.07	0.14	0.16	0.14	0.15	0.07	0.09		
8	-0.02	0.14	0.12	0.15	0.16	0.07	0.16	0.18	0.13	0.15	0.07	0.12		
9	0.05	0.08	0.14	0.11	0.14	0.08	0.15	0.16	0.15	0.16	0.06	0.10		
10	0.04	0.07	0.17	0.11	0.13	0.09	0.17	0.15	0.13	0.19	0.07	0.06		
11	0.08	0.10	0.14	0.13	0.14	0.09	0.19	0.17	0.19	0.27	0.09	0.05		
12	0.06	-0.04	0.14	0.14	0.13	0.08	0.17	0.16	0.12	0.17	-0.02	0.06		
13	0.09	-0.24	0.16	0.14	0.10	0.08	0.18	0.14	0.22	0.31	0.04	0.04		
14	0.05	0.06	0.18	0.14	0.10	0.08	0.17	0.13	0.23	0.16	0.06	0.07		
15	0.12	0.08	0.01	0.11	0.13	0.08	0.13	0.17	0.13	0.16	0.06	0.11		
16	0.20	0.10	-0.06	0.11	0.12	0.07	0.20	0.12	0.15	0.14	0.02	0.14		
17	0.20	0.06	0.10	0.13	0.12	0.07	0.17	0.14	0.13	0.15	0.06	0.14		
18	0.21	0.09	0.15	0.11	0.11	0.07	0.17	0.15	0.26	0.15	0.09	0.11		
19	0.07	0.10	0.19	0.13	0.16	0.07	0.15	0.17	0.13	0.13	0.09	0.10		
20	0.07	0.17	0.14	0.11	0.13	0.07	0.15	0.13	0.12	0.21	0.06	0.05		
21	0.06	0.18	0.20	0.16	0.09	0.07	0.16	0.13	0.19	0.17	0.11	0.08		
22	0.07	0.11	0.07	0.12	0.08	0.07	0.17	0.09	0.13	0.12	0.16	0.11		
23	0.10	0.11	0.07	0.13	0.08	0.09	0.13	0.13	0.11	0.11	0.14	0.06		
24	0.12	0.13	0.07	0.13	0.07	0.08	0.09	0.12	0.10	0.29	0.07	0.05		
25	0.15	-0.34	0.10	0.14	0.08	0.11	0.12	0.14	0.10	0.39	0.07	0.12		
26	0.17	-0.07	0.09	0.15	0.07	0.11	0.09	0.13	0.13	0.31	0.05	0.08		
27	0.07	0.03	0.11	0.15	0.08	0.08	0.13	0.09	0.09	0.16	0.16	0.07		
28	0.07	0.08	0.12	0.16	0.08	0.09	0.14	0.12	0.10	0.14	0.12	0.06		
29	0.11	0.00	0.10	0.16	0.09	0.10	0.12	0.13	0.11	0.08	0.06	0.03		
30	0.14	0.00	0.09	0.13	0.09	0.09	0.16	0.13	0.10	0.22	0.05	0.09		
31	0.18	0.00	0.07	0.00	0.08	0.00	0.14	0.13	0.00	0.13	0.00	0.05		

(Daily Kc values)		Sheet AU: Page 2 of 2				2003	CROP ET							
Seasonal Wetland														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	1.000	1.000	1.000	0.440	0.600	0.280	0.280	0.550	0.550	1.000	1.000	1.000		
2	1.000	1.000	1.000	0.460	0.600	0.260	0.310	0.550	0.550	1.000	1.000	1.000		
3	1.000	1.000	1.000	0.470	0.600	0.240	0.340	0.550	0.550	1.000	1.000	1.000		
4	1.000	1.000	1.000	0.490	0.600	0.270	0.370	0.550	0.550	1.000	1.000	1.000		
5	1.000	1.000	1.000	0.500	0.600	0.280	0.400	0.550	0.550	1.000	1.000	1.000		
6	1.000	1.000	1.000	0.520	0.600	0.260	0.430	0.550	0.550	1.000	1.000	1.000		
7	1.000	1.000	1.000	0.530	0.600	0.260	0.460	0.550	0.550	1.000	1.000	1.000		
8	1.000	1.000	1.000	0.540	0.600	0.240	0.490	0.550	0.550	1.000	1.000	1.000		
9	1.000	1.000	1.000	0.560	0.600	0.230	0.520	0.550	0.550	1.000	1.000	1.000		
10	1.000	1.000	1.000	0.570	0.600	0.270	0.550	0.550	0.550	1.000	1.000	1.000		
11	1.000	1.000	1.000	0.590	0.600	0.280	0.550	0.550	0.550	1.000	1.000	1.000		
12	1.000	1.000	1.000	0.600	0.570	0.270	0.550	0.550	0.550	1.000	1.000	1.000		
13	1.000	1.000	1.000	0.600	0.540	0.280	0.550	0.550	0.550	1.000	1.000	1.000		
14	1.000	1.000	1.000	0.600	0.510	0.260	0.550	0.550	0.550	1.000	1.000	1.000		
15	1.000	1.000	1.000	0.600	0.490	0.250	0.550	0.550	0.550	1.000	1.000	1.000		
16	1.000	1.000	1.000	0.600	0.460	0.250	0.550	0.550	0.550	1.000	1.000	1.000		
17	1.000	1.000	1.000	0.600	0.430	0.240	0.550	0.550	0.550	1.000	1.000	1.000		
18	1.000	1.000	1.000	0.600	0.410	0.240	0.550	0.550	0.550	1.000	1.000	1.000		
19	1.000	1.000	1.000	0.600	0.380	0.230	0.550	0.550	0.550	1.000	1.000	1.000		
20	1.000	1.000	1.000	0.600	0.360	0.240	0.550	0.550	0.550	1.000	1.000	1.000		
21	1.000	1.000	1.000	0.600	0.330	0.240	0.550	0.550	0.550	1.000	1.000	1.000		
22	1.000	1.000	0.440	0.600	0.310	0.250	0.550	0.550	0.550	1.000	1.000	1.000		
23	1.000	1.000	0.440	0.600	0.280	0.250	0.550	0.550	0.550	1.000	1.000	1.000		
24	1.000	1.000	0.460	0.600	0.250	0.260	0.550	0.550	0.550	1.000	1.000	1.000		
25	1.000	1.000	0.440	0.600	0.260	0.270	0.550	0.550	0.550	1.000	1.000	1.000		
26	1.000	1.000	0.430	0.600	0.270	0.260	0.550	0.550	0.550	1.000	1.000	1.000		
27	1.000	1.000	0.440	0.600	0.300	0.270	0.550	0.550	0.550	1.000	1.000	1.000		
28	1.000	1.000	0.440	0.600	0.290	0.280	0.550	0.550	0.550	1.000	1.000	1.000		
29	1.000		0.420	0.600	0.270	0.280	0.550	0.550	0.550	1.000	1.000	1.000		
30	1.000		0.420	0.600	0.260	0.250	0.550	0.550	0.550	1.000	1.000	1.000		
31	1.000		0.430		0.260		0.550	0.550		1.000		1.000		

ET calculations for the			Sheet AG: Page 1 of 2			2003	Phreatophyte ET							
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Marsh [40% cattail, bullrush, phragmites{bamboo}])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64		67.78
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.03	0.03	0.02	0.31	0.25	0.36	0.40	0.15	0.32	0.21	0.02	0.01		
2	0.05	0.05	0.04	0.26	0.29	0.37	0.38	0.29	0.33	0.21	0.02	0.03		
3	0.03	0.04	0.02	0.19	0.30	0.36	0.34	0.33	0.30	0.16	0.03	0.03		
4	0.03	0.02	0.03	0.25	0.30	0.33	0.34	0.32	0.34	0.16	0.02	0.03		
5	0.03	0.04	0.05	0.23	0.26	0.33	0.37	0.33	0.26	0.13	0.02	0.01		
6	0.08	0.04	0.05	0.20	0.30	0.32	0.40	0.37	0.29	0.12	0.02	0.01		
7	0.06	0.05	0.06	0.29	0.30	0.33	0.37	0.34	0.31	0.13	0.02	0.02		
8	0.01	0.04	0.06	0.33	0.32	0.37	0.38	0.38	0.27	0.12	0.02	0.03		
9	0.01	0.02	0.08	0.23	0.27	0.42	0.33	0.34	0.32	0.12	0.02	0.03		
10	0.01	0.02	0.10	0.24	0.25	0.39	0.37	0.32	0.29	0.14	0.02	0.02		
11	0.02	0.03	0.08	0.26	0.27	0.38	0.42	0.37	0.42	0.19	0.02	0.01		
12	0.02	0.02	0.09	0.27	0.27	0.37	0.37	0.34	0.25	0.11	0.01	0.02		
13	0.02	0.01	0.11	0.29	0.23	0.34	0.39	0.31	0.48	0.20	0.02	0.01		
14	0.01	0.02	0.12	0.29	0.23	0.34	0.36	0.29	0.50	0.10	0.02	0.02		
15	0.03	0.02	0.07	0.23	0.31	0.36	0.29	0.37	0.29	0.09	0.02	0.03		
16	0.05	0.03	0.05	0.21	0.32	0.34	0.43	0.26	0.32	0.08	0.01	0.04		
17	0.05	0.02	0.09	0.25	0.34	0.36	0.37	0.30	0.29	0.08	0.02	0.04		
18	0.05	0.02	0.12	0.23	0.31	0.37	0.36	0.33	0.57	0.07	0.02	0.03		
19	0.02	0.03	0.16	0.25	0.50	0.36	0.32	0.37	0.29	0.06	0.02	0.03		
20	0.02	0.04	0.12	0.21	0.44	0.37	0.32	0.27	0.26	0.09	0.02	0.01		
21	0.02	0.05	0.18	0.31	0.31	0.36	0.34	0.29	0.42	0.07	0.03	0.02		
22	0.02	0.03	0.14	0.24	0.32	0.34	0.37	0.20	0.29	0.04	0.04	0.03		
23	0.03	0.03	0.17	0.26	0.32	0.42	0.27	0.29	0.24	0.04	0.04	0.02		
24	0.03	0.03	0.15	0.26	0.32	0.36	0.20	0.26	0.21	0.08	0.02	0.01		
25	0.04	0.01	0.23	0.27	0.36	0.46	0.25	0.30	0.23	0.10	0.02	0.03		
26	0.04	0.02	0.22	0.30	0.32	0.49	0.19	0.29	0.27	0.07	0.01	0.03		
27	0.02	0.02	0.27	0.30	0.31	0.36	0.29	0.19	0.20	0.04	0.04	0.02		
28	0.02	0.02	0.32	0.31	0.33	0.37	0.31	0.25	0.21	0.04	0.03	0.02		
29	0.03		0.28	0.31	0.40	0.42	0.25	0.29	0.22	0.02	0.02	0.01		
30	0.04		0.25	0.25	0.40	0.40	0.34	0.29	0.20	0.06	0.01	0.02		
31	0.05		0.20		0.37		0.31	0.29		0.03		0.01		

(Daily Kc values)		Sheet AG: Page 2 of 2			2003	Phreatophyte ET								
Marsh														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.260	0.260	0.291	1.189	1.189	1.189	1.189	1.189	1.189	1.028	0.250	0.250		
2	0.260	0.260	0.322	1.189	1.189	1.189	1.189	1.189	1.189	0.996	0.250	0.250		
3	0.260	0.260	0.353	1.189	1.189	1.189	1.189	1.189	1.189	0.964	0.250	0.250		
4	0.260	0.260	0.384	1.189	1.189	1.189	1.189	1.189	1.189	0.932	0.250	0.250		
5	0.260	0.260	0.415	1.189	1.189	1.189	1.189	1.189	1.189	0.899	0.250	0.250		
6	0.260	0.260	0.446	1.189	1.189	1.189	1.189	1.189	1.189	0.867	0.250	0.250		
7	0.260	0.260	0.477	1.189	1.189	1.189	1.189	1.189	1.189	0.835	0.250	0.250		
8	0.260	0.260	0.508	1.189	1.189	1.189	1.189	1.189	1.189	0.803	0.250	0.250		
9	0.260	0.260	0.539	1.189	1.189	1.189	1.189	1.189	1.189	0.771	0.250	0.250		
10	0.260	0.260	0.569	1.189	1.189	1.189	1.189	1.189	1.189	0.739	0.250	0.250		
11	0.260	0.260	0.600	1.189	1.189	1.189	1.189	1.189	1.189	0.707	0.250	0.250		
12	0.260	0.260	0.631	1.189	1.189	1.189	1.189	1.189	1.189	0.675	0.250	0.250		
13	0.260	0.260	0.662	1.189	1.189	1.189	1.189	1.189	1.189	0.643	0.250	0.250		
14	0.260	0.260	0.693	1.189	1.189	1.189	1.189	1.189	1.189	0.610	0.250	0.250		
15	0.260	0.260	0.724	1.189	1.189	1.189	1.189	1.189	1.189	0.578	0.250	0.250		
16	0.260	0.260	0.755	1.189	1.189	1.189	1.189	1.189	1.189	0.546	0.250	0.250		
17	0.260	0.260	0.786	1.189	1.189	1.189	1.189	1.189	1.189	0.514	0.250	0.250		
18	0.260	0.260	0.817	1.189	1.189	1.189	1.189	1.189	1.189	0.482	0.250	0.250		
19	0.260	0.260	0.848	1.189	1.189	1.189	1.189	1.189	1.189	0.450	0.250	0.250		
20	0.260	0.260	0.879	1.189	1.189	1.189	1.189	1.189	1.189	0.418	0.250	0.250		
21	0.260	0.260	0.910	1.189	1.189	1.189	1.189	1.189	1.189	0.386	0.250	0.250		
22	0.260	0.260	0.941	1.189	1.189	1.189	1.189	1.189	1.189	0.353	0.250	0.250		
23	0.260	0.260	0.972	1.189	1.189	1.189	1.189	1.189	1.189	0.321	0.250	0.250		
24	0.260	0.260	1.003	1.189	1.189	1.189	1.189	1.189	1.189	0.289	0.250	0.250		
25	0.260	0.260	1.034	1.189	1.189	1.189	1.189	1.189	1.189	0.257	0.250	0.250		
26	0.260	0.260	1.065	1.189	1.189	1.189	1.189	1.189	1.189	0.225	0.250	0.250		
27	0.260	0.260	1.096	1.189	1.189	1.189	1.189	1.189	1.156	0.250	0.250	0.250		
28	0.260	0.260	1.127	1.189	1.189	1.189	1.189	1.189	1.124	0.250	0.250	0.250		
29	0.260		1.158	1.189	1.189	1.189	1.189	1.189	1.092	0.250	0.250	0.250		
30	0.260		1.189	1.189	1.189	1.189	1.189	1.189	1.060	0.250	0.250	0.250		
31	0.260		1.189		1.189		1.189	1.189		0.250		0.250		

ET calculations for the			Sheet AH: Page 1 of 2			2003	Phreatophyte ET							
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Barren [<= 10% vegetation])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74		12.18
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.04	0.04	0.03	0.05	0.03	0.04	0.05	0.02	0.04	0.03	0.02	0.01		
2	0.07	0.06	0.04	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.01	0.03		
3	0.04	0.05	0.02	0.03	0.03	0.04	0.04	0.04	0.03	0.02	0.02	0.03		
4	0.04	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.02	0.02	0.03		
5	0.04	0.05	0.04	0.03	0.03	0.04	0.04	0.04	0.03	0.02	0.01	0.01		
6	0.10	0.05	0.04	0.03	0.03	0.04	0.05	0.04	0.03	0.02	0.01	0.01		
7	0.08	0.06	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.02	0.01	0.02		
8	0.02	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.02	0.01	0.03		
9	0.02	0.03	0.04	0.03	0.03	0.05	0.04	0.04	0.04	0.02	0.01	0.03		
10	0.01	0.02	0.05	0.03	0.03	0.04	0.04	0.04	0.03	0.03	0.01	0.02		
11	0.03	0.03	0.04	0.03	0.03	0.04	0.05	0.04	0.05	0.04	0.02	0.01		
12	0.02	0.02	0.04	0.03	0.03	0.04	0.04	0.04	0.03	0.02	0.01	0.02		
13	0.03	0.01	0.04	0.03	0.03	0.04	0.04	0.04	0.05	0.04	0.01	0.01		
14	0.02	0.02	0.05	0.03	0.03	0.04	0.04	0.03	0.06	0.02	0.01	0.02		
15	0.04	0.03	0.03	0.03	0.04	0.04	0.03	0.04	0.03	0.02	0.01	0.03		
16	0.07	0.03	0.02	0.02	0.04	0.04	0.05	0.03	0.04	0.02	0.01	0.04		
17	0.07	0.02	0.03	0.03	0.04	0.04	0.04	0.03	0.03	0.02	0.01	0.04		
18	0.07	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.07	0.02	0.02	0.03		
19	0.02	0.03	0.05	0.03	0.06	0.04	0.04	0.04	0.03	0.02	0.02	0.03		
20	0.02	0.06	0.03	0.02	0.05	0.04	0.04	0.03	0.03	0.03	0.01	0.01		
21	0.02	0.06	0.05	0.04	0.04	0.04	0.04	0.03	0.05	0.03	0.03	0.02		
22	0.02	0.04	0.03	0.03	0.04	0.04	0.04	0.02	0.03	0.02	0.04	0.03		
23	0.03	0.04	0.04	0.03	0.04	0.05	0.03	0.03	0.03	0.02	0.03	0.02		
24	0.04	0.04	0.03	0.03	0.04	0.04	0.02	0.03	0.02	0.05	0.02	0.02		
25	0.05	0.01	0.05	0.03	0.04	0.05	0.03	0.03	0.03	0.07	0.02	0.04		
26	0.06	0.02	0.04	0.03	0.04	0.06	0.02	0.03	0.03	0.05	0.01	0.03		
27	0.02	0.03	0.05	0.03	0.04	0.04	0.03	0.02	0.02	0.03	0.04	0.02		
28	0.02	0.03	0.06	0.04	0.04	0.04	0.04	0.03	0.03	0.02	0.03	0.02		
29	0.04		0.05	0.04	0.05	0.05	0.03	0.03	0.03	0.01	0.01	0.01		
30	0.05		0.04	0.03	0.05	0.05	0.04	0.03	0.03	0.04	0.01	0.03		
31	0.06		0.03		0.04		0.04	0.03		0.02		0.02		

(Daily Kc values)		Sheet AH: Page 2 of 2			2003	Phreatophyte ET								
Barren														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.331	0.331	0.331	0.180	0.136	0.136	0.136	0.136	0.136	0.136	0.183	0.254		
2	0.331	0.331	0.326	0.175	0.136	0.136	0.136	0.136	0.136	0.136	0.186	0.257		
3	0.331	0.331	0.321	0.170	0.136	0.136	0.136	0.136	0.136	0.136	0.188	0.259		
4	0.331	0.331	0.316	0.165	0.136	0.136	0.136	0.136	0.136	0.136	0.190	0.261		
5	0.331	0.331	0.311	0.160	0.136	0.136	0.136	0.136	0.136	0.136	0.193	0.264		
6	0.331	0.331	0.306	0.156	0.136	0.136	0.136	0.136	0.136	0.136	0.195	0.266		
7	0.331	0.331	0.302	0.151	0.136	0.136	0.136	0.136	0.136	0.136	0.197	0.268		
8	0.331	0.331	0.297	0.146	0.136	0.136	0.136	0.136	0.136	0.136	0.200	0.271		
9	0.331	0.331	0.292	0.141	0.136	0.136	0.136	0.136	0.136	0.136	0.202	0.273		
10	0.331	0.331	0.287	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.205	0.275		
11	0.331	0.331	0.282	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.207	0.278		
12	0.331	0.331	0.277	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.209	0.280		
13	0.331	0.331	0.272	0.136	0.136	0.136	0.136	0.136	0.136	0.138	0.212	0.282		
14	0.331	0.331	0.267	0.136	0.136	0.136	0.136	0.136	0.136	0.141	0.214	0.285		
15	0.331	0.331	0.263	0.136	0.136	0.136	0.136	0.136	0.136	0.143	0.216	0.287		
16	0.331	0.331	0.258	0.136	0.136	0.136	0.136	0.136	0.136	0.145	0.219	0.290		
17	0.331	0.331	0.253	0.136	0.136	0.136	0.136	0.136	0.136	0.148	0.221	0.292		
18	0.331	0.331	0.248	0.136	0.136	0.136	0.136	0.136	0.136	0.150	0.223	0.294		
19	0.331	0.331	0.243	0.136	0.136	0.136	0.136	0.136	0.136	0.153	0.226	0.297		
20	0.331	0.331	0.238	0.136	0.136	0.136	0.136	0.136	0.136	0.155	0.228	0.299		
21	0.331	0.331	0.233	0.136	0.136	0.136	0.136	0.136	0.136	0.157	0.231	0.301		
22	0.331	0.331	0.229	0.136	0.136	0.136	0.136	0.136	0.136	0.160	0.233	0.304		
23	0.331	0.331	0.224	0.136	0.136	0.136	0.136	0.136	0.136	0.162	0.235	0.306		
24	0.331	0.331	0.219	0.136	0.136	0.136	0.136	0.136	0.136	0.164	0.238	0.308		
25	0.331	0.331	0.214	0.136	0.136	0.136	0.136	0.136	0.136	0.167	0.240	0.311		
26	0.331	0.331	0.209	0.136	0.136	0.136	0.136	0.136	0.136	0.169	0.242	0.313		
27	0.331	0.331	0.204	0.136	0.136	0.136	0.136	0.136	0.136	0.171	0.245	0.316		
28	0.331	0.331	0.199	0.136	0.136	0.136	0.136	0.136	0.136	0.174	0.247	0.318		
29	0.331		0.194	0.136	0.136	0.136	0.136	0.136	0.136	0.176	0.249	0.320		
30	0.331		0.190	0.136	0.136	0.136	0.136	0.136	0.136	0.179	0.252	0.323		
31	0.331		0.185		0.136		0.136	0.136		0.181		0.325		

ET calculations for the			Sheet AI: Page 1 of 2			2003	Phreatophyte ET							
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Sc-low [11-60% salt cedar & <= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51		54.04
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.04	0.04	0.03	0.12	0.16	0.29	0.33	0.13	0.26	0.19	0.05	0.01		
2	0.07	0.06	0.04	0.11	0.18	0.30	0.31	0.23	0.27	0.19	0.03	0.03		
3	0.04	0.05	0.02	0.08	0.19	0.29	0.28	0.27	0.24	0.15	0.06	0.02		
4	0.04	0.02	0.03	0.11	0.20	0.27	0.28	0.26	0.28	0.15	0.04	0.02		
5	0.04	0.05	0.04	0.10	0.17	0.27	0.30	0.27	0.21	0.13	0.04	0.01		
6	0.10	0.05	0.04	0.09	0.20	0.26	0.33	0.30	0.23	0.12	0.04	0.01		
7	0.08	0.06	0.04	0.13	0.20	0.27	0.30	0.28	0.25	0.13	0.04	0.02		
8	0.02	0.05	0.04	0.15	0.22	0.30	0.31	0.31	0.22	0.13	0.03	0.02		
9	0.02	0.03	0.05	0.10	0.19	0.34	0.27	0.28	0.26	0.13	0.03	0.02		
10	0.01	0.02	0.06	0.11	0.18	0.32	0.30	0.26	0.23	0.16	0.03	0.01		
11	0.03	0.03	0.05	0.13	0.19	0.31	0.34	0.30	0.34	0.22	0.04	0.01		
12	0.02	0.02	0.05	0.13	0.20	0.30	0.30	0.28	0.20	0.14	0.01	0.01		
13	0.03	0.01	0.05	0.14	0.16	0.28	0.32	0.25	0.39	0.25	0.03	0.01		
14	0.02	0.02	0.06	0.14	0.17	0.28	0.29	0.23	0.41	0.12	0.03	0.01		
15	0.04	0.03	0.03	0.12	0.23	0.29	0.23	0.30	0.23	0.12	0.02	0.02		
16	0.07	0.03	0.02	0.11	0.24	0.28	0.35	0.21	0.26	0.11	0.02	0.03		
17	0.07	0.02	0.04	0.13	0.26	0.29	0.30	0.24	0.23	0.11	0.02	0.03		
18	0.07	0.03	0.05	0.12	0.24	0.30	0.29	0.27	0.47	0.11	0.03	0.02		
19	0.02	0.03	0.07	0.14	0.39	0.29	0.26	0.30	0.23	0.09	0.03	0.02		
20	0.02	0.06	0.05	0.12	0.34	0.30	0.26	0.22	0.21	0.15	0.02	0.01		
21	0.02	0.06	0.08	0.17	0.24	0.29	0.28	0.23	0.34	0.12	0.04	0.02		
22	0.02	0.04	0.06	0.13	0.26	0.28	0.30	0.17	0.23	0.08	0.05	0.02		
23	0.03	0.04	0.07	0.15	0.26	0.34	0.22	0.23	0.19	0.07	0.05	0.01		
24	0.04	0.04	0.06	0.15	0.26	0.29	0.17	0.21	0.18	0.19	0.02	0.01		
25	0.05	0.01	0.09	0.16	0.29	0.38	0.20	0.24	0.19	0.26	0.02	0.02		
26	0.06	0.02	0.09	0.18	0.26	0.40	0.16	0.23	0.22	0.20	0.01	0.02		
27	0.02	0.03	0.11	0.18	0.25	0.29	0.23	0.16	0.17	0.10	0.04	0.01		
28	0.02	0.03	0.12	0.19	0.27	0.30	0.25	0.20	0.18	0.09	0.03	0.01		
29	0.04		0.11	0.19	0.33	0.34	0.20	0.23	0.19	0.05	0.02	0.01		
30	0.05		0.10	0.16	0.33	0.33	0.28	0.23	0.18	0.13	0.01	0.02		
31	0.06		0.08		0.30		0.25	0.23		0.08		0.01		

(Daily Kc values)		Sheet AI: Page 2 of 2			2003	Phreatophyte ET						
Sc-low												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.478	0.753	0.974	0.974	0.974	0.974	0.928	0.574	0.232
2	0.331	0.331	0.331	0.487	0.762	0.974	0.974	0.974	0.974	0.916	0.563	0.221
3	0.331	0.331	0.331	0.496	0.772	0.974	0.974	0.974	0.974	0.905	0.551	0.209
4	0.331	0.331	0.331	0.505	0.781	0.974	0.974	0.974	0.974	0.894	0.540	0.198
5	0.331	0.331	0.331	0.514	0.790	0.974	0.974	0.974	0.974	0.882	0.529	0.186
6	0.331	0.331	0.331	0.524	0.799	0.974	0.974	0.974	0.974	0.871	0.517	0.175
7	0.331	0.331	0.331	0.533	0.808	0.974	0.974	0.974	0.974	0.859	0.506	0.200
8	0.331	0.331	0.331	0.542	0.817	0.974	0.974	0.974	0.974	0.848	0.494	0.200
9	0.331	0.331	0.331	0.551	0.827	0.974	0.974	0.974	0.974	0.837	0.483	0.200
10	0.331	0.331	0.331	0.560	0.836	0.974	0.974	0.974	0.974	0.825	0.472	0.200
11	0.331	0.331	0.331	0.570	0.845	0.974	0.974	0.974	0.974	0.814	0.460	0.200
12	0.331	0.331	0.331	0.579	0.854	0.974	0.974	0.974	0.974	0.802	0.449	0.200
13	0.331	0.331	0.331	0.588	0.863	0.974	0.974	0.974	0.974	0.791	0.437	0.200
14	0.331	0.331	0.331	0.597	0.873	0.974	0.974	0.974	0.974	0.780	0.426	0.200
15	0.331	0.331	0.331	0.606	0.882	0.974	0.974	0.974	0.974	0.768	0.415	0.200
16	0.331	0.331	0.331	0.615	0.891	0.974	0.974	0.974	0.974	0.757	0.403	0.200
17	0.331	0.331	0.340	0.625	0.900	0.974	0.974	0.974	0.974	0.745	0.392	0.200
18	0.331	0.331	0.349	0.634	0.909	0.974	0.974	0.974	0.974	0.734	0.380	0.200
19	0.331	0.331	0.358	0.643	0.918	0.974	0.974	0.974	0.974	0.723	0.369	0.200
20	0.331	0.331	0.368	0.652	0.928	0.974	0.974	0.974	0.974	0.711	0.358	0.200
21	0.331	0.331	0.377	0.661	0.937	0.974	0.974	0.974	0.974	0.700	0.346	0.200
22	0.331	0.331	0.386	0.671	0.946	0.974	0.974	0.974	0.974	0.688	0.335	0.200
23	0.331	0.331	0.395	0.680	0.955	0.974	0.974	0.974	0.974	0.677	0.323	0.200
24	0.331	0.331	0.404	0.689	0.964	0.974	0.974	0.974	0.974	0.666	0.312	0.200
25	0.331	0.331	0.413	0.698	0.974	0.974	0.974	0.974	0.974	0.654	0.300	0.200
26	0.331	0.331	0.423	0.707	0.974	0.974	0.974	0.974	0.974	0.643	0.289	0.200
27	0.331	0.331	0.432	0.716	0.974	0.974	0.974	0.974	0.974	0.631	0.278	0.200
28	0.331	0.331	0.441	0.726	0.974	0.974	0.974	0.974	0.962	0.620	0.266	0.200
29	0.331		0.450	0.735	0.974	0.974	0.974	0.974	0.951	0.608	0.255	0.200
30	0.331		0.459	0.744	0.974	0.974	0.974	0.974	0.939	0.597	0.243	0.200
31	0.331		0.469		0.974		0.974	0.974		0.586		0.200

ET calculations for the			Sheet AJ: Page 1 of 2			2003	Phreatophyte ET							
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Sc-high [61-100% salt cedar & <= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52		61.27
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.04	0.04	0.03	0.15	0.19	0.33	0.37	0.14	0.30	0.21	0.06	0.01		
2	0.07	0.06	0.04	0.13	0.22	0.34	0.35	0.26	0.31	0.22	0.04	0.03		
3	0.04	0.05	0.02	0.10	0.23	0.33	0.32	0.31	0.27	0.17	0.07	0.02		
4	0.04	0.02	0.03	0.13	0.23	0.31	0.32	0.30	0.32	0.17	0.05	0.02		
5	0.04	0.05	0.04	0.12	0.21	0.31	0.34	0.31	0.24	0.15	0.04	0.01		
6	0.10	0.05	0.04	0.11	0.24	0.30	0.37	0.34	0.26	0.14	0.04	0.01		
7	0.08	0.06	0.04	0.16	0.24	0.31	0.34	0.32	0.29	0.14	0.04	0.02		
8	0.02	0.05	0.04	0.19	0.26	0.34	0.35	0.35	0.25	0.14	0.04	0.02		
9	0.02	0.03	0.05	0.13	0.23	0.38	0.31	0.32	0.30	0.15	0.03	0.02		
10	0.01	0.02	0.06	0.14	0.21	0.36	0.34	0.30	0.26	0.18	0.04	0.01		
11	0.03	0.03	0.05	0.15	0.23	0.35	0.38	0.34	0.38	0.25	0.05	0.01		
12	0.02	0.02	0.05	0.16	0.23	0.34	0.34	0.32	0.23	0.15	0.01	0.01		
13	0.03	0.01	0.06	0.17	0.19	0.32	0.36	0.29	0.44	0.27	0.03	0.01		
14	0.02	0.02	0.07	0.17	0.20	0.32	0.33	0.26	0.46	0.14	0.03	0.01		
15	0.04	0.03	0.04	0.14	0.27	0.33	0.26	0.34	0.26	0.14	0.03	0.02		
16	0.07	0.03	0.03	0.13	0.29	0.32	0.39	0.24	0.30	0.12	0.02	0.03		
17	0.07	0.02	0.05	0.16	0.31	0.33	0.34	0.27	0.26	0.12	0.03	0.03		
18	0.07	0.03	0.07	0.15	0.28	0.34	0.33	0.31	0.53	0.12	0.04	0.02		
19	0.02	0.03	0.09	0.16	0.46	0.33	0.30	0.34	0.26	0.10	0.04	0.02		
20	0.02	0.06	0.07	0.14	0.41	0.34	0.30	0.25	0.24	0.17	0.02	0.01		
21	0.02	0.06	0.10	0.21	0.29	0.33	0.32	0.26	0.38	0.13	0.04	0.02		
22	0.02	0.04	0.07	0.16	0.30	0.32	0.34	0.19	0.26	0.09	0.06	0.02		
23	0.03	0.04	0.09	0.18	0.30	0.38	0.25	0.26	0.22	0.08	0.05	0.01		
24	0.04	0.04	0.08	0.18	0.30	0.33	0.19	0.24	0.20	0.21	0.02	0.01		
25	0.05	0.01	0.12	0.19	0.33	0.43	0.23	0.27	0.21	0.28	0.02	0.02		
26	0.06	0.02	0.11	0.21	0.30	0.45	0.18	0.26	0.25	0.22	0.02	0.02		
27	0.02	0.03	0.14	0.22	0.29	0.33	0.26	0.18	0.19	0.11	0.05	0.01		
28	0.02	0.03	0.16	0.23	0.31	0.34	0.29	0.23	0.21	0.10	0.03	0.01		
29	0.04		0.14	0.23	0.37	0.38	0.23	0.26	0.21	0.05	0.02	0.01		
30	0.05		0.12	0.19	0.37	0.37	0.32	0.26	0.20	0.15	0.01	0.02		
31	0.06		0.10		0.34		0.29	0.26		0.08		0.01		

(Daily Kc values)		Sheet AJ: Page 2 of 2			2003	Phreatophyte ET						
Sc-high												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.596	0.903	1.097	1.097	1.097	1.097	1.044	0.636	0.241
2	0.331	0.331	0.331	0.606	0.913	1.097	1.097	1.097	1.097	1.031	0.623	0.228
3	0.331	0.331	0.331	0.617	0.923	1.097	1.097	1.097	1.097	1.018	0.609	0.214
4	0.331	0.331	0.331	0.627	0.933	1.097	1.097	1.097	1.097	1.004	0.596	0.201
5	0.331	0.331	0.331	0.637	0.943	1.097	1.097	1.097	1.097	0.991	0.583	0.188
6	0.331	0.331	0.331	0.647	0.954	1.097	1.097	1.097	1.097	0.978	0.570	0.175
7	0.331	0.331	0.341	0.658	0.964	1.097	1.097	1.097	1.097	0.965	0.557	0.200
8	0.331	0.331	0.351	0.668	0.974	1.097	1.097	1.097	1.097	0.952	0.544	0.200
9	0.331	0.331	0.361	0.678	0.984	1.097	1.097	1.097	1.097	0.939	0.530	0.200
10	0.331	0.331	0.372	0.688	0.994	1.097	1.097	1.097	1.097	0.925	0.517	0.200
11	0.331	0.331	0.382	0.698	1.005	1.097	1.097	1.097	1.097	0.912	0.504	0.200
12	0.331	0.331	0.392	0.709	1.015	1.097	1.097	1.097	1.097	0.899	0.491	0.200
13	0.331	0.331	0.402	0.719	1.025	1.097	1.097	1.097	1.097	0.886	0.478	0.200
14	0.331	0.331	0.412	0.729	1.035	1.097	1.097	1.097	1.097	0.873	0.465	0.200
15	0.331	0.331	0.423	0.739	1.046	1.097	1.097	1.097	1.097	0.860	0.451	0.200
16	0.331	0.331	0.433	0.749	1.056	1.097	1.097	1.097	1.097	0.846	0.438	0.200
17	0.331	0.331	0.443	0.760	1.066	1.097	1.097	1.097	1.097	0.833	0.425	0.200
18	0.331	0.331	0.453	0.770	1.076	1.097	1.097	1.097	1.097	0.820	0.412	0.200
19	0.331	0.331	0.464	0.780	1.086	1.097	1.097	1.097	1.097	0.807	0.399	0.200
20	0.331	0.331	0.474	0.790	1.097	1.097	1.097	1.097	1.097	0.794	0.386	0.200
21	0.331	0.331	0.484	0.800	1.097	1.097	1.097	1.097	1.097	0.781	0.372	0.200
22	0.331	0.331	0.494	0.811	1.097	1.097	1.097	1.097	1.097	0.767	0.359	0.200
23	0.331	0.331	0.504	0.821	1.097	1.097	1.097	1.097	1.097	0.754	0.346	0.200
24	0.331	0.331	0.515	0.831	1.097	1.097	1.097	1.097	1.097	0.741	0.333	0.200
25	0.331	0.331	0.525	0.841	1.097	1.097	1.097	1.097	1.097	0.728	0.320	0.200
26	0.331	0.331	0.535	0.852	1.097	1.097	1.097	1.097	1.097	0.715	0.307	0.200
27	0.331	0.331	0.545	0.862	1.097	1.097	1.097	1.097	1.097	0.702	0.293	0.200
28	0.331	0.331	0.555	0.872	1.097	1.097	1.097	1.097	1.083	0.688	0.280	0.200
29	0.331		0.566	0.882	1.097	1.097	1.097	1.097	1.070	0.675	0.267	0.200
30	0.331		0.576	0.892	1.097	1.097	1.097	1.097	1.057	0.662	0.254	0.200
31	0.331		0.586		1.097		1.097	1.097		0.649		0.200

ET calculations for the			Sheet AK: Page 1 of 2			2003	Phreatophyte ET							
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Sc/ms [11-60% salt cedar & 11-60% mesquite & <= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52		64.81
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.04	0.04	0.03	0.16	0.20	0.35	0.40	0.15	0.32	0.22	0.06	0.01		
2	0.07	0.06	0.04	0.14	0.23	0.36	0.37	0.28	0.33	0.23	0.04	0.03		
3	0.04	0.05	0.02	0.10	0.24	0.35	0.34	0.33	0.29	0.18	0.07	0.02		
4	0.04	0.02	0.03	0.14	0.25	0.33	0.34	0.32	0.34	0.18	0.05	0.02		
5	0.04	0.05	0.04	0.13	0.22	0.33	0.36	0.33	0.26	0.16	0.04	0.01		
6	0.10	0.05	0.04	0.11	0.25	0.32	0.40	0.36	0.28	0.15	0.04	0.01		
7	0.08	0.06	0.04	0.16	0.26	0.33	0.36	0.34	0.30	0.15	0.04	0.02		
8	0.02	0.05	0.04	0.20	0.28	0.36	0.37	0.37	0.27	0.15	0.04	0.02		
9	0.02	0.03	0.05	0.13	0.24	0.41	0.33	0.34	0.32	0.16	0.03	0.02		
10	0.01	0.02	0.06	0.14	0.22	0.39	0.36	0.32	0.28	0.19	0.04	0.01		
11	0.03	0.03	0.05	0.16	0.25	0.37	0.41	0.36	0.41	0.26	0.05	0.01		
12	0.02	0.02	0.06	0.17	0.25	0.36	0.36	0.34	0.25	0.16	0.02	0.01		
13	0.03	0.01	0.07	0.18	0.21	0.34	0.39	0.30	0.47	0.29	0.03	0.01		
14	0.02	0.02	0.08	0.18	0.21	0.34	0.35	0.28	0.49	0.15	0.03	0.01		
15	0.04	0.03	0.04	0.15	0.29	0.35	0.28	0.36	0.28	0.15	0.03	0.02		
16	0.07	0.03	0.03	0.14	0.30	0.34	0.42	0.26	0.32	0.13	0.02	0.03		
17	0.07	0.02	0.05	0.17	0.33	0.35	0.36	0.29	0.28	0.13	0.03	0.03		
18	0.07	0.03	0.07	0.15	0.30	0.36	0.35	0.33	0.56	0.13	0.04	0.02		
19	0.02	0.03	0.09	0.17	0.49	0.35	0.32	0.36	0.28	0.11	0.04	0.02		
20	0.02	0.06	0.07	0.15	0.43	0.36	0.32	0.27	0.26	0.18	0.02	0.01		
21	0.02	0.06	0.10	0.22	0.30	0.35	0.34	0.28	0.41	0.14	0.04	0.02		
22	0.02	0.04	0.08	0.17	0.32	0.34	0.36	0.20	0.28	0.10	0.06	0.02		
23	0.03	0.04	0.09	0.19	0.32	0.41	0.27	0.28	0.23	0.09	0.05	0.01		
24	0.04	0.04	0.08	0.19	0.32	0.35	0.20	0.26	0.21	0.23	0.02	0.01		
25	0.05	0.01	0.12	0.20	0.35	0.46	0.25	0.29	0.22	0.30	0.02	0.02		
26	0.06	0.02	0.12	0.22	0.32	0.48	0.19	0.28	0.27	0.23	0.02	0.02		
27	0.02	0.03	0.14	0.23	0.30	0.35	0.28	0.19	0.20	0.12	0.05	0.01		
28	0.02	0.03	0.16	0.24	0.33	0.36	0.30	0.25	0.22	0.10	0.03	0.01		
29	0.04		0.14	0.24	0.40	0.41	0.25	0.28	0.23	0.06	0.02	0.01		
30	0.05		0.13	0.20	0.40	0.40	0.34	0.28	0.21	0.15	0.01	0.02		
31	0.06		0.10		0.36		0.30	0.28		0.09		0.01		

(Daily Kc values)		Sheet AK: Page 2 of 2			2003	Phreatophyte ET						
Sc/ms												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.621	0.955	1.167	1.167	1.167	1.167	1.110	0.671	0.246
2	0.331	0.331	0.331	0.632	0.966	1.167	1.167	1.167	1.167	1.096	0.657	0.232
3	0.331	0.331	0.331	0.643	0.977	1.167	1.167	1.167	1.167	1.082	0.642	0.217
4	0.331	0.331	0.331	0.654	0.988	1.167	1.167	1.167	1.167	1.067	0.628	0.203
5	0.331	0.331	0.331	0.665	0.999	1.167	1.167	1.167	1.167	1.053	0.614	0.189
6	0.331	0.331	0.331	0.676	1.011	1.167	1.167	1.167	1.167	1.039	0.600	0.175
7	0.331	0.331	0.342	0.687	1.022	1.167	1.167	1.167	1.167	1.025	0.586	0.200
8	0.331	0.331	0.353	0.699	1.033	1.167	1.167	1.167	1.167	1.011	0.572	0.200
9	0.331	0.331	0.364	0.710	1.044	1.167	1.167	1.167	1.167	0.997	0.557	0.200
10	0.331	0.331	0.375	0.721	1.055	1.167	1.167	1.167	1.167	0.982	0.543	0.200
11	0.331	0.331	0.386	0.732	1.066	1.167	1.167	1.167	1.167	0.968	0.529	0.200
12	0.331	0.331	0.398	0.743	1.077	1.167	1.167	1.167	1.167	0.954	0.515	0.200
13	0.331	0.331	0.409	0.754	1.089	1.167	1.167	1.167	1.167	0.940	0.501	0.200
14	0.331	0.331	0.420	0.765	1.100	1.167	1.167	1.167	1.167	0.926	0.487	0.200
15	0.331	0.331	0.431	0.777	1.111	1.167	1.167	1.167	1.167	0.912	0.472	0.200
16	0.331	0.331	0.442	0.788	1.122	1.167	1.167	1.167	1.167	0.897	0.458	0.200
17	0.331	0.331	0.453	0.799	1.133	1.167	1.167	1.167	1.167	0.883	0.444	0.200
18	0.331	0.331	0.465	0.810	1.144	1.167	1.167	1.167	1.167	0.869	0.430	0.200
19	0.331	0.331	0.476	0.821	1.155	1.167	1.167	1.167	1.167	0.855	0.416	0.200
20	0.331	0.331	0.487	0.832	1.167	1.167	1.167	1.167	1.167	0.841	0.402	0.200
21	0.331	0.331	0.498	0.843	1.167	1.167	1.167	1.167	1.167	0.827	0.387	0.200
22	0.331	0.331	0.509	0.855	1.167	1.167	1.167	1.167	1.167	0.812	0.373	0.200
23	0.331	0.331	0.520	0.866	1.167	1.167	1.167	1.167	1.167	0.798	0.359	0.200
24	0.331	0.331	0.531	0.877	1.167	1.167	1.167	1.167	1.167	0.784	0.345	0.200
25	0.331	0.331	0.543	0.888	1.167	1.167	1.167	1.167	1.167	0.770	0.331	0.200
26	0.331	0.331	0.554	0.899	1.167	1.167	1.167	1.167	1.167	0.756	0.317	0.200
27	0.331	0.331	0.565	0.910	1.167	1.167	1.167	1.167	1.167	0.742	0.302	0.200
28	0.331	0.331	0.576	0.921	1.167	1.167	1.167	1.167	1.152	0.727	0.288	0.200
29	0.331		0.587	0.933	1.167	1.167	1.167	1.167	1.138	0.713	0.274	0.200
30	0.331		0.598	0.944	1.167	1.167	1.167	1.167	1.124	0.699	0.260	0.200
31	0.331		0.609		1.167		1.167	1.167		0.685		0.200

ET calculations for the			Sheet AL: Page 1 of 2			2003	Phreatophyte ET							
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Sc/aw [<= 75% salt cedar & >= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52		62.90
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.04	0.04	0.03	0.16	0.19	0.34	0.38	0.15	0.30	0.21	0.06	0.01		
2	0.07	0.06	0.04	0.14	0.22	0.35	0.36	0.27	0.32	0.22	0.04	0.03		
3	0.04	0.05	0.02	0.10	0.24	0.34	0.33	0.32	0.28	0.18	0.07	0.02		
4	0.04	0.02	0.03	0.13	0.24	0.32	0.33	0.30	0.33	0.18	0.05	0.02		
5	0.04	0.05	0.04	0.12	0.21	0.32	0.35	0.32	0.25	0.15	0.04	0.01		
6	0.10	0.05	0.04	0.11	0.25	0.30	0.38	0.35	0.27	0.14	0.04	0.01		
7	0.08	0.06	0.04	0.16	0.25	0.32	0.35	0.33	0.29	0.15	0.04	0.02		
8	0.02	0.05	0.04	0.19	0.27	0.35	0.36	0.36	0.26	0.15	0.04	0.02		
9	0.02	0.03	0.05	0.13	0.23	0.40	0.32	0.33	0.30	0.15	0.03	0.02		
10	0.01	0.02	0.06	0.14	0.21	0.37	0.35	0.30	0.27	0.18	0.04	0.01		
11	0.03	0.03	0.05	0.16	0.24	0.36	0.40	0.35	0.40	0.25	0.05	0.01		
12	0.02	0.02	0.06	0.17	0.24	0.35	0.35	0.33	0.24	0.16	0.02	0.01		
13	0.03	0.01	0.06	0.18	0.20	0.33	0.37	0.29	0.45	0.28	0.03	0.01		
14	0.02	0.02	0.07	0.18	0.20	0.33	0.34	0.27	0.47	0.14	0.03	0.01		
15	0.04	0.03	0.04	0.14	0.28	0.34	0.27	0.35	0.27	0.14	0.03	0.02		
16	0.07	0.03	0.03	0.14	0.29	0.33	0.41	0.25	0.30	0.12	0.02	0.03		
17	0.07	0.02	0.05	0.16	0.32	0.34	0.35	0.28	0.27	0.13	0.03	0.03		
18	0.07	0.03	0.07	0.15	0.29	0.35	0.34	0.32	0.54	0.13	0.04	0.02		
19	0.02	0.03	0.09	0.17	0.47	0.34	0.30	0.35	0.27	0.11	0.04	0.02		
20	0.02	0.06	0.07	0.15	0.42	0.35	0.30	0.26	0.25	0.17	0.02	0.01		
21	0.02	0.06	0.10	0.21	0.29	0.34	0.33	0.27	0.40	0.14	0.04	0.02		
22	0.02	0.04	0.08	0.17	0.30	0.33	0.35	0.19	0.27	0.09	0.06	0.02		
23	0.03	0.04	0.09	0.19	0.30	0.40	0.26	0.27	0.23	0.09	0.05	0.01		
24	0.04	0.04	0.08	0.19	0.30	0.34	0.19	0.25	0.20	0.22	0.02	0.01		
25	0.05	0.01	0.12	0.20	0.34	0.44	0.24	0.28	0.21	0.29	0.02	0.02		
26	0.06	0.02	0.11	0.22	0.30	0.46	0.18	0.27	0.26	0.23	0.02	0.02		
27	0.02	0.03	0.14	0.22	0.29	0.34	0.27	0.18	0.19	0.12	0.05	0.01		
28	0.02	0.03	0.16	0.23	0.32	0.35	0.29	0.24	0.21	0.10	0.03	0.01		
29	0.04		0.14	0.24	0.38	0.40	0.24	0.27	0.22	0.06	0.02	0.01		
30	0.05		0.12	0.19	0.38	0.38	0.33	0.27	0.21	0.15	0.01	0.02		
31	0.06		0.10		0.35		0.29	0.27		0.09		0.01		

(Daily Kc values)		Sheet AL: Page 2 of 2			2003	Phreatophyte ET						
Sc/aw												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.607	0.927	1.129	1.129	1.129	1.129	1.074	0.652	0.243
2	0.331	0.331	0.331	0.618	0.937	1.129	1.129	1.129	1.129	1.061	0.638	0.230
3	0.331	0.331	0.331	0.629	0.948	1.129	1.129	1.129	1.129	1.047	0.625	0.216
4	0.331	0.331	0.331	0.639	0.959	1.129	1.129	1.129	1.129	1.034	0.611	0.202
5	0.331	0.331	0.331	0.650	0.969	1.129	1.129	1.129	1.129	1.020	0.597	0.189
6	0.331	0.331	0.331	0.661	0.980	1.129	1.129	1.129	1.129	1.006	0.584	0.175
7	0.331	0.331	0.341	0.671	0.991	1.129	1.129	1.129	1.129	0.993	0.570	0.200
8	0.331	0.331	0.352	0.682	1.001	1.129	1.129	1.129	1.129	0.979	0.557	0.200
9	0.331	0.331	0.363	0.693	1.012	1.129	1.129	1.129	1.129	0.965	0.543	0.200
10	0.331	0.331	0.373	0.703	1.023	1.129	1.129	1.129	1.129	0.952	0.529	0.200
11	0.331	0.331	0.384	0.714	1.033	1.129	1.129	1.129	1.129	0.938	0.516	0.200
12	0.331	0.331	0.395	0.725	1.044	1.129	1.129	1.129	1.129	0.925	0.502	0.200
13	0.331	0.331	0.405	0.735	1.055	1.129	1.129	1.129	1.129	0.911	0.488	0.200
14	0.331	0.331	0.416	0.746	1.065	1.129	1.129	1.129	1.129	0.897	0.475	0.200
15	0.331	0.331	0.427	0.757	1.076	1.129	1.129	1.129	1.129	0.884	0.461	0.200
16	0.331	0.331	0.437	0.767	1.086	1.129	1.129	1.129	1.129	0.870	0.448	0.200
17	0.331	0.331	0.448	0.778	1.097	1.129	1.129	1.129	1.129	0.856	0.434	0.200
18	0.331	0.331	0.458	0.788	1.108	1.129	1.129	1.129	1.129	0.843	0.420	0.200
19	0.331	0.331	0.469	0.799	1.118	1.129	1.129	1.129	1.129	0.829	0.407	0.200
20	0.331	0.331	0.480	0.810	1.129	1.129	1.129	1.129	1.129	0.816	0.393	0.200
21	0.331	0.331	0.490	0.820	1.129	1.129	1.129	1.129	1.129	0.802	0.379	0.200
22	0.331	0.331	0.501	0.831	1.129	1.129	1.129	1.129	1.129	0.788	0.366	0.200
23	0.331	0.331	0.512	0.842	1.129	1.129	1.129	1.129	1.129	0.775	0.352	0.200
24	0.331	0.331	0.522	0.852	1.129	1.129	1.129	1.129	1.129	0.761	0.339	0.200
25	0.331	0.331	0.533	0.863	1.129	1.129	1.129	1.129	1.129	0.747	0.325	0.200
26	0.331	0.331	0.544	0.874	1.129	1.129	1.129	1.129	1.129	0.734	0.311	0.200
27	0.331	0.331	0.554	0.884	1.129	1.129	1.129	1.129	1.129	0.720	0.298	0.200
28	0.331	0.331	0.565	0.895	1.129	1.129	1.129	1.129	1.115	0.707	0.284	0.200
29	0.331		0.576	0.906	1.129	1.129	1.129	1.129	1.102	0.693	0.270	0.200
30	0.331		0.586	0.916	1.129	1.129	1.129	1.129	1.088	0.679	0.257	0.200
31	0.331		0.597		1.129		1.129	1.129		0.666		0.200

ET calculations for the			Sheet AM: Page 1 of 2			2003	Phreatophyte ET							
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Sc/ms/aw [15-45% salt cedar & 15-45% mesquite & 20-40% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56		65.76
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.04	0.04	0.03	0.17	0.20	0.35	0.39	0.15	0.31	0.23	0.07	0.02		
2	0.07	0.06	0.04	0.15	0.23	0.36	0.37	0.28	0.32	0.24	0.05	0.04		
3	0.04	0.05	0.02	0.11	0.25	0.35	0.34	0.32	0.29	0.20	0.08	0.03		
4	0.04	0.02	0.03	0.14	0.25	0.32	0.34	0.31	0.34	0.20	0.06	0.03		
5	0.04	0.05	0.05	0.13	0.22	0.32	0.36	0.32	0.25	0.17	0.05	0.01		
6	0.10	0.05	0.05	0.12	0.25	0.31	0.39	0.36	0.28	0.16	0.05	0.01		
7	0.08	0.06	0.05	0.17	0.26	0.32	0.36	0.34	0.30	0.17	0.05	0.02		
8	0.02	0.05	0.05	0.20	0.28	0.36	0.37	0.37	0.27	0.17	0.05	0.03		
9	0.02	0.03	0.06	0.14	0.24	0.41	0.32	0.34	0.31	0.18	0.04	0.02		
10	0.01	0.02	0.07	0.15	0.22	0.38	0.36	0.31	0.28	0.21	0.05	0.01		
11	0.03	0.03	0.06	0.17	0.25	0.37	0.41	0.36	0.41	0.30	0.06	0.01		
12	0.02	0.02	0.06	0.18	0.25	0.36	0.36	0.34	0.24	0.18	0.02	0.01		
13	0.03	0.01	0.07	0.19	0.21	0.34	0.38	0.30	0.46	0.33	0.04	0.01		
14	0.02	0.02	0.08	0.19	0.21	0.34	0.35	0.28	0.49	0.17	0.04	0.01		
15	0.04	0.03	0.05	0.15	0.29	0.35	0.28	0.36	0.28	0.17	0.03	0.02		
16	0.07	0.03	0.03	0.15	0.30	0.34	0.42	0.25	0.31	0.14	0.02	0.03		
17	0.07	0.02	0.05	0.17	0.33	0.35	0.36	0.29	0.28	0.15	0.03	0.03		
18	0.07	0.03	0.08	0.16	0.30	0.36	0.35	0.32	0.56	0.15	0.05	0.02		
19	0.02	0.03	0.10	0.18	0.48	0.35	0.31	0.36	0.28	0.13	0.05	0.02		
20	0.02	0.06	0.07	0.15	0.43	0.36	0.31	0.27	0.25	0.20	0.03	0.01		
21	0.02	0.06	0.11	0.22	0.30	0.35	0.34	0.28	0.41	0.16	0.05	0.02		
22	0.02	0.04	0.08	0.17	0.31	0.34	0.36	0.20	0.28	0.11	0.07	0.02		
23	0.03	0.04	0.10	0.19	0.31	0.41	0.27	0.28	0.23	0.10	0.06	0.01		
24	0.04	0.04	0.09	0.20	0.31	0.35	0.20	0.25	0.21	0.26	0.03	0.01		
25	0.05	0.01	0.13	0.21	0.35	0.45	0.24	0.29	0.22	0.35	0.03	0.02		
26	0.06	0.02	0.12	0.23	0.31	0.48	0.19	0.28	0.27	0.27	0.02	0.02		
27	0.02	0.03	0.15	0.23	0.30	0.35	0.28	0.19	0.20	0.14	0.06	0.01		
28	0.02	0.03	0.17	0.24	0.32	0.36	0.30	0.24	0.22	0.12	0.04	0.01		
29	0.04		0.15	0.24	0.39	0.41	0.24	0.28	0.23	0.07	0.02	0.01		
30	0.05		0.13	0.20	0.39	0.39	0.34	0.28	0.22	0.18	0.02	0.02		
31	0.06		0.11		0.36		0.30	0.28		0.10		0.01		

(Daily Kc values)		Sheet AM: Page 2 of 2			2003	Phreatophyte ET								
Sc/ms/aw														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.331	0.331	0.331	0.652	0.962	1.159	1.159	1.159	1.159	1.159	0.781	0.326		
2	0.331	0.331	0.341	0.662	0.973	1.159	1.159	1.159	1.159	1.159	0.765	0.311		
3	0.331	0.331	0.351	0.672	0.983	1.159	1.159	1.159	1.159	1.159	0.750	0.296		
4	0.331	0.331	0.362	0.683	0.993	1.159	1.159	1.159	1.159	1.159	0.735	0.281		
5	0.331	0.331	0.372	0.693	1.004	1.159	1.159	1.159	1.159	1.159	0.720	0.266		
6	0.331	0.331	0.383	0.703	1.014	1.159	1.159	1.159	1.159	1.159	0.705	0.251		
7	0.331	0.331	0.393	0.714	1.024	1.159	1.159	1.159	1.159	1.159	0.690	0.236		
8	0.331	0.331	0.403	0.724	1.035	1.159	1.159	1.159	1.159	1.144	0.675	0.220		
9	0.331	0.331	0.414	0.735	1.045	1.159	1.159	1.159	1.159	1.129	0.659	0.205		
10	0.331	0.331	0.424	0.745	1.055	1.159	1.159	1.159	1.159	1.114	0.644	0.190		
11	0.331	0.331	0.434	0.755	1.066	1.159	1.159	1.159	1.159	1.098	0.629	0.175		
12	0.331	0.331	0.445	0.766	1.076	1.159	1.159	1.159	1.159	1.083	0.614	0.200		
13	0.331	0.331	0.455	0.776	1.087	1.159	1.159	1.159	1.159	1.068	0.599	0.200		
14	0.331	0.331	0.465	0.786	1.097	1.159	1.159	1.159	1.159	1.053	0.584	0.200		
15	0.331	0.331	0.476	0.797	1.107	1.159	1.159	1.159	1.159	1.038	0.569	0.200		
16	0.331	0.331	0.486	0.807	1.118	1.159	1.159	1.159	1.159	1.023	0.553	0.200		
17	0.331	0.331	0.496	0.817	1.128	1.159	1.159	1.159	1.159	1.008	0.538	0.200		
18	0.331	0.331	0.507	0.828	1.138	1.159	1.159	1.159	1.159	0.992	0.523	0.200		
19	0.331	0.331	0.517	0.838	1.149	1.159	1.159	1.159	1.159	0.977	0.508	0.200		
20	0.331	0.331	0.527	0.848	1.159	1.159	1.159	1.159	1.159	0.962	0.493	0.200		
21	0.331	0.331	0.538	0.859	1.159	1.159	1.159	1.159	1.159	0.947	0.478	0.200		
22	0.331	0.331	0.548	0.869	1.159	1.159	1.159	1.159	1.159	0.932	0.463	0.200		
23	0.331	0.331	0.559	0.879	1.159	1.159	1.159	1.159	1.159	0.917	0.447	0.200		
24	0.331	0.331	0.569	0.890	1.159	1.159	1.159	1.159	1.159	0.902	0.432	0.200		
25	0.331	0.331	0.579	0.900	1.159	1.159	1.159	1.159	1.159	0.887	0.417	0.200		
26	0.331	0.331	0.590	0.911	1.159	1.159	1.159	1.159	1.159	0.871	0.402	0.200		
27	0.331	0.331	0.600	0.921	1.159	1.159	1.159	1.159	1.159	0.856	0.387	0.200		
28	0.331	0.331	0.610	0.931	1.159	1.159	1.159	1.159	1.159	0.841	0.372	0.200		
29	0.331		0.621	0.942	1.159	1.159	1.159	1.159	1.159	0.826	0.357	0.200		
30	0.331		0.631	0.952	1.159	1.159	1.159	1.159	1.159	0.811	0.342	0.200		
31	0.331		0.641		1.159		1.159	1.159		0.796		0.200		

ET calculations for the			Sheet AN: Page 1 of 2			2003	Phreatophyte ET							
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Ms-low [11-60% screwbean/honey mesquite & <= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54		47.78
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.04	0.04	0.03	0.13	0.15	0.24	0.28	0.11	0.22	0.16	0.05	0.01		
2	0.07	0.06	0.04	0.11	0.17	0.25	0.26	0.19	0.23	0.17	0.04	0.04		
3	0.04	0.05	0.02	0.08	0.18	0.24	0.23	0.23	0.20	0.14	0.06	0.03		
4	0.04	0.02	0.03	0.11	0.18	0.23	0.23	0.22	0.23	0.14	0.05	0.03		
5	0.04	0.05	0.05	0.10	0.16	0.23	0.25	0.23	0.18	0.12	0.04	0.01		
6	0.10	0.05	0.04	0.09	0.18	0.22	0.28	0.25	0.19	0.11	0.04	0.01		
7	0.08	0.06	0.04	0.13	0.18	0.23	0.25	0.23	0.21	0.12	0.04	0.02		
8	0.02	0.05	0.04	0.16	0.20	0.25	0.26	0.26	0.19	0.12	0.04	0.02		
9	0.02	0.03	0.05	0.11	0.17	0.28	0.23	0.23	0.22	0.13	0.03	0.02		
10	0.01	0.02	0.07	0.11	0.16	0.27	0.25	0.22	0.19	0.15	0.04	0.01		
11	0.03	0.03	0.05	0.13	0.17	0.26	0.28	0.25	0.28	0.22	0.04	0.01		
12	0.02	0.02	0.06	0.13	0.18	0.25	0.25	0.23	0.17	0.14	0.01	0.01		
13	0.03	0.01	0.06	0.14	0.15	0.23	0.27	0.21	0.32	0.25	0.03	0.01		
14	0.02	0.02	0.07	0.14	0.15	0.23	0.24	0.19	0.34	0.13	0.03	0.01		
15	0.04	0.03	0.04	0.11	0.20	0.24	0.19	0.25	0.19	0.12	0.03	0.02		
16	0.07	0.03	0.03	0.11	0.21	0.23	0.29	0.18	0.22	0.11	0.02	0.03		
17	0.07	0.02	0.05	0.13	0.23	0.24	0.25	0.20	0.19	0.11	0.03	0.03		
18	0.07	0.03	0.06	0.12	0.21	0.25	0.24	0.23	0.39	0.11	0.04	0.02		
19	0.02	0.03	0.08	0.13	0.34	0.24	0.22	0.25	0.19	0.10	0.04	0.02		
20	0.02	0.06	0.06	0.11	0.30	0.25	0.22	0.19	0.18	0.15	0.02	0.01		
21	0.02	0.06	0.09	0.17	0.21	0.24	0.23	0.19	0.28	0.12	0.04	0.02		
22	0.02	0.04	0.07	0.13	0.22	0.23	0.25	0.14	0.19	0.08	0.06	0.02		
23	0.03	0.04	0.08	0.14	0.22	0.28	0.19	0.19	0.16	0.08	0.05	0.01		
24	0.04	0.04	0.07	0.14	0.22	0.24	0.14	0.18	0.15	0.20	0.02	0.01		
25	0.05	0.01	0.10	0.15	0.24	0.32	0.17	0.20	0.15	0.26	0.02	0.02		
26	0.06	0.02	0.10	0.17	0.22	0.33	0.13	0.19	0.19	0.20	0.02	0.02		
27	0.02	0.03	0.12	0.17	0.21	0.24	0.19	0.13	0.14	0.10	0.05	0.01		
28	0.02	0.03	0.14	0.18	0.23	0.25	0.21	0.17	0.15	0.09	0.04	0.01		
29	0.04		0.12	0.18	0.28	0.28	0.17	0.19	0.16	0.05	0.02	0.01		
30	0.05		0.11	0.14	0.28	0.28	0.23	0.19	0.15	0.14	0.01	0.02		
31	0.06		0.09		0.25		0.21	0.19		0.08		0.01		

(Daily Kc values)		Sheet AN: Page 2 of 2			2003	Phreatophyte ET						
Ms-low												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.516	0.695	0.809	0.809	0.809	0.809	0.809	0.598	0.281
2	0.331	0.331	0.337	0.522	0.701	0.809	0.809	0.809	0.809	0.809	0.587	0.270
3	0.331	0.331	0.343	0.528	0.707	0.809	0.809	0.809	0.809	0.809	0.577	0.260
4	0.331	0.331	0.349	0.534	0.713	0.809	0.809	0.809	0.809	0.809	0.566	0.249
5	0.331	0.331	0.355	0.540	0.719	0.809	0.809	0.809	0.809	0.809	0.555	0.238
6	0.331	0.331	0.361	0.546	0.725	0.809	0.809	0.809	0.809	0.809	0.545	0.228
7	0.331	0.331	0.367	0.552	0.731	0.809	0.809	0.809	0.809	0.809	0.534	0.217
8	0.331	0.331	0.373	0.558	0.737	0.809	0.809	0.809	0.809	0.809	0.524	0.207
9	0.331	0.331	0.379	0.564	0.743	0.809	0.809	0.809	0.809	0.809	0.513	0.196
10	0.331	0.331	0.385	0.570	0.749	0.809	0.809	0.809	0.809	0.809	0.503	0.186
11	0.331	0.331	0.391	0.576	0.755	0.809	0.809	0.809	0.809	0.809	0.492	0.175
12	0.331	0.331	0.397	0.582	0.761	0.809	0.809	0.809	0.809	0.809	0.481	0.200
13	0.331	0.331	0.403	0.588	0.767	0.809	0.809	0.809	0.809	0.798	0.471	0.200
14	0.331	0.331	0.408	0.594	0.773	0.809	0.809	0.809	0.809	0.788	0.460	0.200
15	0.331	0.331	0.414	0.600	0.779	0.809	0.809	0.809	0.809	0.777	0.450	0.200
16	0.331	0.331	0.420	0.606	0.785	0.809	0.809	0.809	0.809	0.767	0.439	0.200
17	0.331	0.331	0.426	0.612	0.791	0.809	0.809	0.809	0.809	0.756	0.429	0.200
18	0.331	0.331	0.432	0.618	0.797	0.809	0.809	0.809	0.809	0.746	0.418	0.200
19	0.331	0.331	0.438	0.624	0.803	0.809	0.809	0.809	0.809	0.735	0.407	0.200
20	0.331	0.331	0.444	0.630	0.809	0.809	0.809	0.809	0.809	0.724	0.397	0.200
21	0.331	0.331	0.450	0.636	0.809	0.809	0.809	0.809	0.809	0.714	0.386	0.200
22	0.331	0.331	0.456	0.642	0.809	0.809	0.809	0.809	0.809	0.703	0.376	0.200
23	0.331	0.331	0.462	0.648	0.809	0.809	0.809	0.809	0.809	0.693	0.365	0.200
24	0.331	0.331	0.468	0.654	0.809	0.809	0.809	0.809	0.809	0.682	0.355	0.200
25	0.331	0.331	0.474	0.660	0.809	0.809	0.809	0.809	0.809	0.672	0.344	0.200
26	0.331	0.331	0.480	0.666	0.809	0.809	0.809	0.809	0.809	0.661	0.334	0.200
27	0.331	0.331	0.486	0.672	0.809	0.809	0.809	0.809	0.809	0.651	0.323	0.200
28	0.331	0.331	0.492	0.677	0.809	0.809	0.809	0.809	0.809	0.640	0.312	0.200
29	0.331		0.498	0.683	0.809	0.809	0.809	0.809	0.809	0.629	0.302	0.200
30	0.331		0.504	0.689	0.809	0.809	0.809	0.809	0.809	0.619	0.291	0.200
31	0.331		0.510		0.809		0.809	0.809		0.608		0.200

ET calculations for the			Sheet AO: Page 1 of 2			2003	Phreatophyte ET							
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Ms-high [61-100% screwbean/honey mesquite & <= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66		59.50
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.04	0.04	0.03	0.16	0.19	0.31	0.35	0.13	0.27	0.20	0.07	0.02		
2	0.07	0.06	0.04	0.14	0.23	0.32	0.33	0.24	0.28	0.21	0.04	0.05		
3	0.04	0.05	0.02	0.10	0.24	0.31	0.29	0.28	0.25	0.17	0.08	0.04		
4	0.04	0.02	0.03	0.14	0.24	0.28	0.29	0.27	0.29	0.17	0.06	0.04		
5	0.04	0.05	0.05	0.13	0.21	0.28	0.32	0.28	0.22	0.15	0.05	0.02		
6	0.10	0.05	0.05	0.12	0.24	0.27	0.35	0.32	0.24	0.14	0.05	0.01		
7	0.08	0.06	0.05	0.17	0.25	0.28	0.32	0.29	0.26	0.15	0.05	0.03		
8	0.02	0.05	0.05	0.20	0.27	0.32	0.33	0.33	0.23	0.15	0.05	0.04		
9	0.02	0.03	0.06	0.14	0.23	0.36	0.28	0.29	0.27	0.16	0.04	0.03		
10	0.01	0.02	0.07	0.14	0.21	0.34	0.32	0.27	0.24	0.19	0.04	0.02		
11	0.03	0.03	0.06	0.16	0.23	0.33	0.36	0.32	0.36	0.26	0.06	0.01		
12	0.02	0.02	0.06	0.17	0.23	0.32	0.32	0.29	0.21	0.16	0.02	0.02		
13	0.03	0.01	0.07	0.18	0.19	0.29	0.34	0.26	0.41	0.29	0.04	0.01		
14	0.02	0.02	0.08	0.18	0.19	0.29	0.31	0.24	0.43	0.15	0.04	0.02		
15	0.04	0.03	0.05	0.15	0.26	0.31	0.24	0.32	0.24	0.15	0.03	0.03		
16	0.07	0.03	0.03	0.14	0.27	0.29	0.37	0.22	0.27	0.13	0.02	0.03		
17	0.07	0.02	0.05	0.17	0.29	0.31	0.32	0.25	0.24	0.14	0.03	0.03		
18	0.07	0.03	0.07	0.15	0.26	0.32	0.31	0.28	0.49	0.13	0.05	0.02		
19	0.02	0.03	0.10	0.17	0.43	0.31	0.27	0.32	0.24	0.11	0.05	0.02		
20	0.02	0.06	0.07	0.15	0.38	0.32	0.27	0.23	0.22	0.18	0.03	0.01		
21	0.02	0.06	0.11	0.22	0.26	0.31	0.29	0.24	0.36	0.15	0.06	0.01		
22	0.02	0.04	0.08	0.17	0.27	0.29	0.32	0.17	0.24	0.10	0.08	0.02		
23	0.03	0.04	0.09	0.19	0.27	0.36	0.23	0.24	0.20	0.09	0.07	0.01		
24	0.04	0.04	0.08	0.19	0.27	0.31	0.17	0.22	0.18	0.24	0.03	0.01		
25	0.05	0.01	0.12	0.20	0.31	0.40	0.21	0.25	0.19	0.32	0.03	0.02		
26	0.06	0.02	0.12	0.22	0.27	0.42	0.16	0.24	0.23	0.25	0.02	0.02		
27	0.02	0.03	0.15	0.22	0.26	0.31	0.24	0.16	0.17	0.13	0.07	0.01		
28	0.02	0.03	0.17	0.23	0.28	0.32	0.26	0.21	0.19	0.11	0.05	0.01		
29	0.04		0.15	0.24	0.35	0.36	0.21	0.24	0.20	0.06	0.03	0.01		
30	0.05		0.13	0.19	0.35	0.35	0.29	0.24	0.19	0.17	0.02	0.02		
31	0.06		0.11		0.32		0.26	0.24		0.10		0.01		

(Daily Kc values)		Sheet AO: Page 2 of 2			2003	Phreatophyte ET						
Ms-high												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.634	0.928	1.017	1.017	1.017	1.017	1.017	0.736	0.399
2	0.331	0.331	0.341	0.644	0.938	1.017	1.017	1.017	1.017	1.017	0.725	0.388
3	0.331	0.331	0.350	0.654	0.948	1.017	1.017	1.017	1.017	1.017	0.714	0.377
4	0.331	0.331	0.360	0.664	0.958	1.017	1.017	1.017	1.017	1.017	0.702	0.366
5	0.331	0.331	0.370	0.674	0.968	1.017	1.017	1.017	1.017	1.017	0.691	0.355
6	0.331	0.331	0.380	0.683	0.977	1.017	1.017	1.017	1.017	1.017	0.680	0.343
7	0.331	0.331	0.390	0.693	0.987	1.017	1.017	1.017	1.017	1.017	0.669	0.332
8	0.331	0.331	0.399	0.703	0.997	1.017	1.017	1.017	1.017	1.005	0.657	0.321
9	0.331	0.331	0.409	0.713	1.007	1.017	1.017	1.017	1.017	0.994	0.646	0.310
10	0.331	0.331	0.419	0.723	1.017	1.017	1.017	1.017	1.017	0.983	0.635	0.298
11	0.331	0.331	0.429	0.732	1.017	1.017	1.017	1.017	1.017	0.972	0.624	0.287
12	0.331	0.331	0.439	0.742	1.017	1.017	1.017	1.017	1.017	0.960	0.613	0.276
13	0.331	0.331	0.448	0.752	1.017	1.017	1.017	1.017	1.017	0.949	0.601	0.265
14	0.331	0.331	0.458	0.762	1.017	1.017	1.017	1.017	1.017	0.938	0.590	0.254
15	0.331	0.331	0.468	0.772	1.017	1.017	1.017	1.017	1.017	0.927	0.579	0.242
16	0.331	0.331	0.478	0.781	1.017	1.017	1.017	1.017	1.017	0.916	0.568	0.231
17	0.331	0.331	0.488	0.791	1.017	1.017	1.017	1.017	1.017	0.904	0.557	0.220
18	0.331	0.331	0.497	0.801	1.017	1.017	1.017	1.017	1.017	0.893	0.545	0.209
19	0.331	0.331	0.507	0.811	1.017	1.017	1.017	1.017	1.017	0.882	0.534	0.197
20	0.331	0.331	0.517	0.821	1.017	1.017	1.017	1.017	1.017	0.871	0.523	0.186
21	0.331	0.331	0.527	0.830	1.017	1.017	1.017	1.017	1.017	0.859	0.512	0.175
22	0.331	0.331	0.537	0.840	1.017	1.017	1.017	1.017	1.017	0.848	0.500	0.200
23	0.331	0.331	0.546	0.850	1.017	1.017	1.017	1.017	1.017	0.837	0.489	0.200
24	0.331	0.331	0.556	0.860	1.017	1.017	1.017	1.017	1.017	0.826	0.478	0.200
25	0.331	0.331	0.566	0.870	1.017	1.017	1.017	1.017	1.017	0.815	0.467	0.200
26	0.331	0.331	0.576	0.879	1.017	1.017	1.017	1.017	1.017	0.803	0.456	0.200
27	0.331	0.331	0.585	0.889	1.017	1.017	1.017	1.017	1.017	0.792	0.444	0.200
28	0.331	0.331	0.595	0.899	1.017	1.017	1.017	1.017	1.017	0.781	0.433	0.200
29	0.331		0.605	0.909	1.017	1.017	1.017	1.017	1.017	0.770	0.422	0.200
30	0.331		0.615	0.919	1.017	1.017	1.017	1.017	1.017	0.758	0.411	0.200
31	0.331		0.625		1.017		1.017	1.017		0.747		0.200

ET calculations for the			Sheet AP: Page 1 of 2			2003	Phreatophyte ET							
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Ms/aw [21-60% mesquite & 31-60% arrowweed & <= 20% salt cedar])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59		56.92
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.04	0.04	0.03	0.16	0.19	0.29	0.33	0.13	0.26	0.19	0.06	0.02		
2	0.07	0.06	0.04	0.14	0.22	0.30	0.31	0.23	0.27	0.20	0.04	0.04		
3	0.04	0.05	0.02	0.10	0.23	0.29	0.28	0.27	0.24	0.17	0.07	0.04		
4	0.04	0.02	0.03	0.13	0.23	0.27	0.28	0.26	0.28	0.17	0.05	0.03		
5	0.04	0.05	0.05	0.12	0.20	0.27	0.30	0.27	0.21	0.15	0.04	0.02		
6	0.10	0.05	0.05	0.11	0.23	0.26	0.33	0.30	0.23	0.14	0.04	0.01		
7	0.08	0.06	0.05	0.16	0.24	0.27	0.30	0.28	0.25	0.15	0.04	0.02		
8	0.02	0.05	0.05	0.19	0.26	0.30	0.31	0.31	0.22	0.14	0.04	0.03		
9	0.02	0.03	0.06	0.13	0.22	0.34	0.27	0.28	0.26	0.15	0.04	0.03		
10	0.01	0.02	0.07	0.14	0.20	0.32	0.30	0.26	0.23	0.18	0.04	0.01		
11	0.03	0.03	0.06	0.16	0.22	0.31	0.34	0.30	0.34	0.25	0.05	0.01		
12	0.02	0.02	0.06	0.16	0.22	0.30	0.30	0.28	0.20	0.16	0.02	0.01		
13	0.03	0.01	0.07	0.17	0.18	0.28	0.32	0.25	0.39	0.28	0.03	0.01		
14	0.02	0.02	0.08	0.18	0.18	0.28	0.29	0.23	0.41	0.14	0.03	0.01		
15	0.04	0.03	0.05	0.14	0.25	0.29	0.23	0.30	0.23	0.14	0.03	0.02		
16	0.07	0.03	0.03	0.14	0.26	0.28	0.35	0.21	0.26	0.12	0.02	0.02		
17	0.07	0.02	0.05	0.16	0.28	0.29	0.30	0.24	0.23	0.13	0.03	0.03		
18	0.07	0.03	0.07	0.15	0.25	0.30	0.29	0.27	0.47	0.13	0.04	0.02		
19	0.02	0.03	0.09	0.16	0.41	0.29	0.26	0.30	0.23	0.11	0.04	0.02		
20	0.02	0.06	0.07	0.14	0.36	0.30	0.26	0.22	0.21	0.17	0.03	0.01		
21	0.02	0.06	0.10	0.21	0.25	0.29	0.28	0.23	0.34	0.14	0.05	0.02		
22	0.02	0.04	0.08	0.16	0.26	0.28	0.30	0.17	0.23	0.10	0.07	0.02		
23	0.03	0.04	0.09	0.18	0.26	0.34	0.22	0.23	0.19	0.09	0.06	0.01		
24	0.04	0.04	0.08	0.18	0.26	0.29	0.17	0.21	0.17	0.23	0.03	0.01		
25	0.05	0.01	0.12	0.19	0.29	0.38	0.20	0.24	0.18	0.30	0.03	0.02		
26	0.06	0.02	0.12	0.21	0.26	0.40	0.16	0.23	0.22	0.23	0.02	0.02		
27	0.02	0.03	0.14	0.21	0.25	0.29	0.23	0.16	0.17	0.12	0.06	0.01		
28	0.02	0.03	0.16	0.22	0.27	0.30	0.25	0.20	0.18	0.10	0.05	0.01		
29	0.04		0.14	0.23	0.33	0.34	0.20	0.23	0.19	0.06	0.02	0.01		
30	0.05		0.13	0.18	0.33	0.33	0.28	0.23	0.18	0.16	0.02	0.02		
31	0.06		0.10		0.30		0.25	0.23		0.09		0.01		

(Daily Kc values)		Sheet AP: Page 2 of 2			2003	Phreatophyte ET						
Ms/aw												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.615	0.889	0.972	0.972	0.972	0.972	0.972	0.687	0.346
2	0.331	0.331	0.340	0.624	0.899	0.972	0.972	0.972	0.972	0.972	0.676	0.334
3	0.331	0.331	0.349	0.633	0.908	0.972	0.972	0.972	0.972	0.972	0.665	0.323
4	0.331	0.331	0.358	0.642	0.917	0.972	0.972	0.972	0.972	0.972	0.653	0.312
5	0.331	0.331	0.367	0.651	0.926	0.972	0.972	0.972	0.972	0.972	0.642	0.300
6	0.331	0.331	0.377	0.661	0.935	0.972	0.972	0.972	0.972	0.972	0.630	0.289
7	0.331	0.331	0.386	0.670	0.944	0.972	0.972	0.972	0.972	0.972	0.619	0.277
8	0.331	0.331	0.395	0.679	0.954	0.972	0.972	0.972	0.972	0.961	0.608	0.266
9	0.331	0.331	0.404	0.688	0.963	0.972	0.972	0.972	0.972	0.949	0.596	0.255
10	0.331	0.331	0.413	0.697	0.972	0.972	0.972	0.972	0.972	0.938	0.585	0.243
11	0.331	0.331	0.422	0.706	0.972	0.972	0.972	0.972	0.972	0.926	0.573	0.232
12	0.331	0.331	0.432	0.715	0.972	0.972	0.972	0.972	0.972	0.915	0.562	0.221
13	0.331	0.331	0.441	0.725	0.972	0.972	0.972	0.972	0.972	0.904	0.551	0.209
14	0.331	0.331	0.450	0.734	0.972	0.972	0.972	0.972	0.972	0.892	0.539	0.198
15	0.331	0.331	0.459	0.743	0.972	0.972	0.972	0.972	0.972	0.881	0.528	0.186
16	0.331	0.331	0.468	0.752	0.972	0.972	0.972	0.972	0.972	0.869	0.517	0.175
17	0.331	0.331	0.477	0.761	0.972	0.972	0.972	0.972	0.972	0.858	0.505	0.200
18	0.331	0.331	0.486	0.770	0.972	0.972	0.972	0.972	0.972	0.847	0.494	0.200
19	0.331	0.331	0.496	0.780	0.972	0.972	0.972	0.972	0.972	0.835	0.482	0.200
20	0.331	0.331	0.505	0.789	0.972	0.972	0.972	0.972	0.972	0.824	0.471	0.200
21	0.331	0.331	0.514	0.798	0.972	0.972	0.972	0.972	0.972	0.813	0.460	0.200
22	0.331	0.331	0.523	0.807	0.972	0.972	0.972	0.972	0.972	0.801	0.448	0.200
23	0.331	0.331	0.532	0.816	0.972	0.972	0.972	0.972	0.972	0.790	0.437	0.200
24	0.331	0.331	0.541	0.825	0.972	0.972	0.972	0.972	0.972	0.778	0.425	0.200
25	0.331	0.331	0.551	0.835	0.972	0.972	0.972	0.972	0.972	0.767	0.414	0.200
26	0.331	0.331	0.560	0.844	0.972	0.972	0.972	0.972	0.972	0.756	0.403	0.200
27	0.331	0.331	0.569	0.853	0.972	0.972	0.972	0.972	0.972	0.744	0.391	0.200
28	0.331	0.331	0.578	0.862	0.972	0.972	0.972	0.972	0.972	0.733	0.380	0.200
29	0.331		0.587	0.871	0.972	0.972	0.972	0.972	0.972	0.721	0.369	0.200
30	0.331		0.596	0.880	0.972	0.972	0.972	0.972	0.972	0.710	0.357	0.200
31	0.331		0.606		0.972		0.972	0.972		0.699		0.200

ET calculations for the			Sheet AQ: Page 1 of 2			2003	Phreatophyte ET							
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Aw [51-100% arrowweed & <= 10% any trees])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54		55.93
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.04	0.04	0.03	0.14	0.17	0.30	0.34	0.13	0.27	0.20	0.06	0.01		
2	0.07	0.06	0.04	0.12	0.19	0.31	0.32	0.24	0.28	0.21	0.04	0.04		
3	0.04	0.05	0.02	0.09	0.20	0.30	0.29	0.28	0.25	0.17	0.07	0.03		
4	0.04	0.02	0.03	0.12	0.20	0.28	0.29	0.27	0.29	0.16	0.05	0.03		
5	0.04	0.05	0.04	0.11	0.18	0.28	0.31	0.28	0.22	0.14	0.04	0.01		
6	0.10	0.05	0.04	0.10	0.21	0.27	0.34	0.31	0.24	0.13	0.04	0.01		
7	0.08	0.06	0.04	0.14	0.21	0.28	0.31	0.29	0.26	0.14	0.04	0.02		
8	0.02	0.05	0.04	0.17	0.23	0.31	0.32	0.32	0.23	0.14	0.04	0.03		
9	0.02	0.03	0.05	0.12	0.20	0.35	0.28	0.29	0.27	0.15	0.03	0.02		
10	0.01	0.02	0.06	0.12	0.18	0.33	0.31	0.27	0.24	0.17	0.04	0.01		
11	0.03	0.03	0.05	0.14	0.20	0.32	0.35	0.31	0.35	0.24	0.05	0.01		
12	0.02	0.02	0.05	0.15	0.20	0.31	0.31	0.29	0.21	0.15	0.02	0.01		
13	0.03	0.01	0.06	0.15	0.17	0.29	0.33	0.26	0.40	0.27	0.03	0.01		
14	0.02	0.02	0.07	0.16	0.17	0.29	0.30	0.24	0.42	0.14	0.03	0.01		
15	0.04	0.03	0.04	0.13	0.24	0.30	0.24	0.31	0.24	0.13	0.03	0.02		
16	0.07	0.03	0.03	0.12	0.25	0.29	0.36	0.22	0.27	0.12	0.02	0.03		
17	0.07	0.02	0.05	0.14	0.27	0.30	0.31	0.25	0.24	0.12	0.03	0.03		
18	0.07	0.03	0.06	0.13	0.24	0.31	0.30	0.28	0.47	0.12	0.04	0.02		
19	0.02	0.03	0.08	0.15	0.39	0.30	0.27	0.31	0.24	0.10	0.04	0.02		
20	0.02	0.06	0.06	0.13	0.35	0.31	0.27	0.23	0.22	0.16	0.03	0.01		
21	0.02	0.06	0.09	0.18	0.25	0.30	0.29	0.24	0.35	0.13	0.04	0.02		
22	0.02	0.04	0.07	0.14	0.26	0.29	0.31	0.17	0.24	0.09	0.06	0.02		
23	0.03	0.04	0.08	0.16	0.26	0.35	0.23	0.24	0.20	0.08	0.05	0.01		
24	0.04	0.04	0.07	0.16	0.26	0.30	0.17	0.22	0.18	0.21	0.03	0.01		
25	0.05	0.01	0.11	0.17	0.30	0.39	0.21	0.25	0.19	0.28	0.03	0.02		
26	0.06	0.02	0.10	0.19	0.27	0.41	0.16	0.24	0.23	0.22	0.02	0.02		
27	0.02	0.03	0.13	0.19	0.26	0.30	0.24	0.16	0.17	0.11	0.05	0.01		
28	0.02	0.03	0.14	0.20	0.28	0.31	0.26	0.21	0.19	0.10	0.04	0.01		
29	0.04		0.12	0.20	0.34	0.35	0.21	0.24	0.20	0.05	0.02	0.01		
30	0.05		0.11	0.16	0.34	0.34	0.29	0.24	0.19	0.15	0.02	0.02		
31	0.06		0.09		0.31		0.26	0.24		0.08		0.01		

(Daily Kc values)		Sheet AQ: Page 2 of 2			2003	Phreatophyte ET								
Aw														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.331	0.331	0.331	0.545	0.791	0.989	0.989	0.989	0.989	0.989	0.640	0.291		
2	0.331	0.331	0.331	0.553	0.799	0.989	0.989	0.989	0.989	0.989	0.628	0.280		
3	0.331	0.331	0.331	0.561	0.808	0.989	0.989	0.989	0.989	0.977	0.617	0.268		
4	0.331	0.331	0.331	0.569	0.816	0.989	0.989	0.989	0.989	0.965	0.605	0.256		
5	0.331	0.331	0.331	0.577	0.824	0.989	0.989	0.989	0.989	0.954	0.593	0.245		
6	0.331	0.331	0.331	0.586	0.832	0.989	0.989	0.989	0.989	0.942	0.582	0.233		
7	0.331	0.331	0.339	0.594	0.841	0.989	0.989	0.989	0.989	0.930	0.570	0.221		
8	0.331	0.331	0.347	0.602	0.849	0.989	0.989	0.989	0.989	0.919	0.559	0.210		
9	0.331	0.331	0.355	0.610	0.857	0.989	0.989	0.989	0.989	0.907	0.547	0.198		
10	0.331	0.331	0.364	0.619	0.865	0.989	0.989	0.989	0.989	0.896	0.535	0.187		
11	0.331	0.331	0.372	0.627	0.873	0.989	0.989	0.989	0.989	0.884	0.524	0.175		
12	0.331	0.331	0.380	0.635	0.882	0.989	0.989	0.989	0.989	0.872	0.512	0.200		
13	0.331	0.331	0.388	0.643	0.890	0.989	0.989	0.989	0.989	0.861	0.500	0.200		
14	0.331	0.331	0.397	0.651	0.898	0.989	0.989	0.989	0.989	0.849	0.489	0.200		
15	0.331	0.331	0.405	0.660	0.906	0.989	0.989	0.989	0.989	0.837	0.477	0.200		
16	0.331	0.331	0.413	0.668	0.915	0.989	0.989	0.989	0.989	0.826	0.466	0.200		
17	0.331	0.331	0.421	0.676	0.923	0.989	0.989	0.989	0.989	0.814	0.454	0.200		
18	0.331	0.331	0.429	0.684	0.931	0.989	0.989	0.989	0.989	0.803	0.442	0.200		
19	0.331	0.331	0.438	0.693	0.939	0.989	0.989	0.989	0.989	0.791	0.431	0.200		
20	0.331	0.331	0.446	0.701	0.947	0.989	0.989	0.989	0.989	0.779	0.419	0.200		
21	0.331	0.331	0.454	0.709	0.956	0.989	0.989	0.989	0.989	0.768	0.407	0.200		
22	0.331	0.331	0.462	0.717	0.964	0.989	0.989	0.989	0.989	0.756	0.396	0.200		
23	0.331	0.331	0.471	0.725	0.972	0.989	0.989	0.989	0.989	0.744	0.384	0.200		
24	0.331	0.331	0.479	0.734	0.980	0.989	0.989	0.989	0.989	0.733	0.373	0.200		
25	0.331	0.331	0.487	0.742	0.989	0.989	0.989	0.989	0.989	0.721	0.361	0.200		
26	0.331	0.331	0.495	0.750	0.989	0.989	0.989	0.989	0.989	0.710	0.349	0.200		
27	0.331	0.331	0.503	0.758	0.989	0.989	0.989	0.989	0.989	0.698	0.338	0.200		
28	0.331	0.331	0.512	0.767	0.989	0.989	0.989	0.989	0.989	0.686	0.326	0.200		
29	0.331		0.520	0.775	0.989	0.989	0.989	0.989	0.989	0.675	0.314	0.200		
30	0.331		0.528	0.783	0.989	0.989	0.989	0.989	0.989	0.663	0.303	0.200		
31	0.331		0.536		0.989		0.989	0.989		0.652		0.200		

ET calculations for the			Sheet AR: Page 1 of 2			2003	Phreatophyte ET							
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Cw [61-100% cottonwood and willow trees])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60		58.94
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.04	0.04	0.03	0.16	0.19	0.31	0.35	0.13	0.27	0.20	0.06	0.02		
2	0.07	0.06	0.04	0.14	0.22	0.32	0.33	0.24	0.28	0.21	0.04	0.04		
3	0.04	0.05	0.02	0.10	0.23	0.31	0.29	0.28	0.25	0.17	0.08	0.04		
4	0.04	0.02	0.03	0.13	0.23	0.28	0.29	0.27	0.29	0.17	0.05	0.04		
5	0.04	0.05	0.05	0.12	0.20	0.28	0.32	0.28	0.22	0.15	0.05	0.02		
6	0.10	0.05	0.05	0.11	0.23	0.27	0.35	0.32	0.24	0.14	0.05	0.01		
7	0.08	0.06	0.05	0.16	0.24	0.28	0.32	0.29	0.26	0.15	0.05	0.03		
8	0.02	0.05	0.05	0.19	0.26	0.32	0.33	0.33	0.23	0.15	0.04	0.03		
9	0.02	0.03	0.06	0.13	0.22	0.36	0.28	0.29	0.27	0.16	0.04	0.03		
10	0.01	0.02	0.07	0.14	0.20	0.34	0.32	0.27	0.24	0.19	0.04	0.01		
11	0.03	0.03	0.06	0.16	0.23	0.33	0.36	0.32	0.36	0.26	0.05	0.01		
12	0.02	0.02	0.06	0.16	0.23	0.32	0.32	0.29	0.21	0.16	0.02	0.01		
13	0.03	0.01	0.07	0.17	0.19	0.29	0.34	0.26	0.41	0.29	0.03	0.01		
14	0.02	0.02	0.08	0.18	0.19	0.29	0.31	0.24	0.43	0.15	0.03	0.01		
15	0.04	0.03	0.05	0.14	0.26	0.31	0.24	0.32	0.24	0.15	0.03	0.02		
16	0.07	0.03	0.03	0.14	0.27	0.29	0.37	0.22	0.27	0.13	0.02	0.02		
17	0.07	0.02	0.05	0.16	0.29	0.31	0.32	0.25	0.24	0.13	0.03	0.03		
18	0.07	0.03	0.07	0.15	0.26	0.32	0.31	0.28	0.49	0.13	0.05	0.02		
19	0.02	0.03	0.09	0.16	0.43	0.31	0.27	0.32	0.24	0.11	0.05	0.02		
20	0.02	0.06	0.07	0.14	0.38	0.32	0.27	0.23	0.22	0.18	0.03	0.01		
21	0.02	0.06	0.10	0.21	0.26	0.31	0.29	0.24	0.36	0.14	0.05	0.02		
22	0.02	0.04	0.08	0.16	0.27	0.29	0.32	0.17	0.24	0.10	0.07	0.02		
23	0.03	0.04	0.09	0.18	0.27	0.36	0.23	0.24	0.20	0.09	0.06	0.01		
24	0.04	0.04	0.08	0.18	0.27	0.31	0.17	0.22	0.18	0.24	0.03	0.01		
25	0.05	0.01	0.12	0.19	0.31	0.40	0.21	0.25	0.19	0.31	0.03	0.02		
26	0.06	0.02	0.12	0.21	0.27	0.42	0.16	0.24	0.23	0.24	0.02	0.02		
27	0.02	0.03	0.14	0.21	0.26	0.31	0.24	0.16	0.17	0.12	0.06	0.01		
28	0.02	0.03	0.16	0.22	0.28	0.32	0.26	0.21	0.19	0.11	0.05	0.01		
29	0.04		0.14	0.23	0.35	0.36	0.21	0.24	0.20	0.06	0.02	0.01		
30	0.05		0.13	0.18	0.35	0.35	0.29	0.24	0.19	0.16	0.02	0.02		
31	0.06		0.10		0.32		0.26	0.24		0.09		0.01		

(Daily Kc values)		Sheet AR: Page 2 of 2			2003	Phreatophyte ET								
Cw														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.331	0.331	0.331	0.614	0.889	1.017	1.017	1.017	1.017	1.017	0.716	0.355		
2	0.331	0.331	0.340	0.623	0.898	1.017	1.017	1.017	1.017	1.017	0.704	0.343		
3	0.331	0.331	0.349	0.633	0.907	1.017	1.017	1.017	1.017	1.017	0.692	0.331		
4	0.331	0.331	0.358	0.642	0.916	1.017	1.017	1.017	1.017	1.017	0.680	0.319		
5	0.331	0.331	0.367	0.651	0.925	1.017	1.017	1.017	1.017	1.017	0.668	0.307		
6	0.331	0.331	0.376	0.660	0.934	1.017	1.017	1.017	1.017	1.017	0.656	0.295		
7	0.331	0.331	0.386	0.669	0.943	1.017	1.017	1.017	1.017	1.017	0.644	0.283		
8	0.331	0.331	0.395	0.678	0.953	1.017	1.017	1.017	1.017	1.005	0.632	0.271		
9	0.331	0.331	0.404	0.687	0.962	1.017	1.017	1.017	1.017	0.993	0.620	0.259		
10	0.331	0.331	0.413	0.697	0.971	1.017	1.017	1.017	1.017	0.980	0.608	0.247		
11	0.331	0.331	0.422	0.706	0.980	1.017	1.017	1.017	1.017	0.968	0.596	0.235		
12	0.331	0.331	0.431	0.715	0.989	1.017	1.017	1.017	1.017	0.956	0.584	0.223		
13	0.331	0.331	0.441	0.724	0.998	1.017	1.017	1.017	1.017	0.944	0.572	0.211		
14	0.331	0.331	0.450	0.733	1.007	1.017	1.017	1.017	1.017	0.932	0.560	0.199		
15	0.331	0.331	0.459	0.742	1.017	1.017	1.017	1.017	1.017	0.920	0.548	0.187		
16	0.331	0.331	0.468	0.751	1.017	1.017	1.017	1.017	1.017	0.908	0.536	0.175		
17	0.331	0.331	0.477	0.761	1.017	1.017	1.017	1.017	1.017	0.896	0.524	0.200		
18	0.331	0.331	0.486	0.770	1.017	1.017	1.017	1.017	1.017	0.884	0.512	0.200		
19	0.331	0.331	0.495	0.779	1.017	1.017	1.017	1.017	1.017	0.872	0.500	0.200		
20	0.331	0.331	0.505	0.788	1.017	1.017	1.017	1.017	1.017	0.860	0.488	0.200		
21	0.331	0.331	0.514	0.797	1.017	1.017	1.017	1.017	1.017	0.848	0.476	0.200		
22	0.331	0.331	0.523	0.806	1.017	1.017	1.017	1.017	1.017	0.836	0.464	0.200		
23	0.331	0.331	0.532	0.815	1.017	1.017	1.017	1.017	1.017	0.824	0.452	0.200		
24	0.331	0.331	0.541	0.825	1.017	1.017	1.017	1.017	1.017	0.812	0.439	0.200		
25	0.331	0.331	0.550	0.834	1.017	1.017	1.017	1.017	1.017	0.800	0.427	0.200		
26	0.331	0.331	0.559	0.843	1.017	1.017	1.017	1.017	1.017	0.788	0.415	0.200		
27	0.331	0.331	0.569	0.852	1.017	1.017	1.017	1.017	1.017	0.776	0.403	0.200		
28	0.331	0.331	0.578	0.861	1.017	1.017	1.017	1.017	1.017	0.764	0.391	0.200		
29	0.331		0.587	0.870	1.017	1.017	1.017	1.017	1.017	0.752	0.379	0.200		
30	0.331		0.596	0.879	1.017	1.017	1.017	1.017	1.017	0.740	0.367	0.200		
31	0.331		0.605		1.017		1.017	1.017		0.728		0.200		

ET calculations for the			Sheet AS: Page 1 of 2			2003	Phreatophyte ET							
Ft. Mohave Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Low Vegetation [> 10% and <= 30% any phreatophyte vegetation])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69		51.14
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.05	0.04	0.03	0.15	0.16	0.26	0.29	0.11	0.23	0.17	0.06	0.02		
2	0.07	0.07	0.05	0.12	0.19	0.27	0.27	0.21	0.24	0.18	0.04	0.05		
3	0.05	0.05	0.03	0.09	0.19	0.26	0.25	0.24	0.21	0.15	0.07	0.04		
4	0.04	0.02	0.03	0.12	0.20	0.24	0.25	0.23	0.25	0.15	0.05	0.04		
5	0.05	0.05	0.05	0.11	0.17	0.24	0.27	0.24	0.19	0.13	0.04	0.02		
6	0.11	0.05	0.05	0.10	0.20	0.23	0.29	0.27	0.21	0.12	0.04	0.01		
7	0.08	0.06	0.05	0.14	0.20	0.24	0.27	0.25	0.22	0.13	0.04	0.03		
8	0.02	0.05	0.05	0.17	0.22	0.27	0.27	0.27	0.20	0.13	0.04	0.04		
9	0.02	0.03	0.06	0.12	0.19	0.30	0.24	0.25	0.23	0.13	0.03	0.03		
10	0.01	0.02	0.07	0.12	0.17	0.28	0.27	0.23	0.21	0.16	0.04	0.02		
11	0.03	0.04	0.06	0.14	0.19	0.27	0.30	0.27	0.30	0.22	0.05	0.02		
12	0.02	0.02	0.06	0.15	0.19	0.27	0.27	0.25	0.18	0.14	0.02	0.02		
13	0.03	0.01	0.07	0.15	0.16	0.25	0.28	0.22	0.34	0.25	0.03	0.01		
14	0.02	0.02	0.08	0.16	0.16	0.25	0.26	0.21	0.36	0.13	0.03	0.02		
15	0.04	0.03	0.04	0.12	0.22	0.26	0.21	0.27	0.21	0.13	0.03	0.03		
16	0.07	0.04	0.03	0.12	0.23	0.25	0.31	0.19	0.23	0.11	0.02	0.04		
17	0.07	0.02	0.05	0.14	0.25	0.26	0.27	0.21	0.21	0.12	0.03	0.04		
18	0.07	0.03	0.07	0.13	0.22	0.27	0.26	0.24	0.41	0.11	0.05	0.03		
19	0.02	0.04	0.09	0.14	0.36	0.26	0.23	0.27	0.21	0.10	0.04	0.02		
20	0.02	0.06	0.07	0.12	0.32	0.27	0.23	0.20	0.19	0.16	0.03	0.01		
21	0.02	0.06	0.10	0.18	0.22	0.26	0.25	0.21	0.30	0.13	0.05	0.02		
22	0.02	0.04	0.07	0.14	0.23	0.25	0.27	0.15	0.21	0.09	0.07	0.02		
23	0.04	0.04	0.09	0.16	0.23	0.30	0.20	0.21	0.17	0.08	0.06	0.01		
24	0.04	0.05	0.08	0.16	0.23	0.26	0.15	0.19	0.15	0.21	0.03	0.01		
25	0.05	0.01	0.11	0.17	0.26	0.33	0.18	0.21	0.16	0.27	0.03	0.02		
26	0.06	0.02	0.11	0.18	0.23	0.35	0.14	0.21	0.20	0.22	0.02	0.02		
27	0.02	0.03	0.13	0.18	0.22	0.26	0.21	0.14	0.15	0.11	0.07	0.01		
28	0.02	0.03	0.15	0.19	0.24	0.27	0.22	0.18	0.16	0.10	0.05	0.01		
29	0.04		0.13	0.20	0.29	0.30	0.18	0.21	0.17	0.05	0.02	0.01		
30	0.05		0.12	0.16	0.29	0.29	0.25	0.21	0.16	0.15	0.02	0.02		
31	0.06		0.09		0.27		0.22	0.21		0.08		0.01		

(Daily Kc values)		Sheet AS: Page 2 of 2			2003	Phreatophyte ET						
Low Veg												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.352	0.352	0.352	0.561	0.764	0.858	0.858	0.858	0.858	0.858	0.645	0.389
2	0.352	0.352	0.359	0.568	0.771	0.858	0.858	0.858	0.858	0.858	0.636	0.380
3	0.352	0.352	0.366	0.575	0.777	0.858	0.858	0.858	0.858	0.858	0.628	0.371
4	0.352	0.352	0.372	0.582	0.784	0.858	0.858	0.858	0.858	0.858	0.619	0.363
5	0.352	0.352	0.379	0.588	0.791	0.858	0.858	0.858	0.858	0.858	0.611	0.354
6	0.352	0.352	0.386	0.595	0.798	0.858	0.858	0.858	0.858	0.858	0.602	0.346
7	0.352	0.352	0.393	0.602	0.804	0.858	0.858	0.858	0.858	0.858	0.594	0.337
8	0.352	0.352	0.399	0.609	0.811	0.858	0.858	0.858	0.858	0.850	0.585	0.329
9	0.352	0.352	0.406	0.615	0.818	0.858	0.858	0.858	0.858	0.841	0.577	0.320
10	0.352	0.352	0.413	0.622	0.825	0.858	0.858	0.858	0.858	0.833	0.568	0.312
11	0.352	0.352	0.420	0.629	0.831	0.858	0.858	0.858	0.858	0.824	0.559	0.303
12	0.352	0.352	0.426	0.636	0.838	0.858	0.858	0.858	0.858	0.816	0.551	0.295
13	0.352	0.352	0.433	0.642	0.845	0.858	0.858	0.858	0.858	0.807	0.542	0.286
14	0.352	0.352	0.440	0.649	0.852	0.858	0.858	0.858	0.858	0.799	0.534	0.278
15	0.352	0.352	0.447	0.656	0.858	0.858	0.858	0.858	0.858	0.790	0.525	0.269
16	0.352	0.352	0.453	0.663	0.858	0.858	0.858	0.858	0.858	0.782	0.517	0.260
17	0.352	0.352	0.460	0.669	0.858	0.858	0.858	0.858	0.858	0.773	0.508	0.252
18	0.352	0.352	0.467	0.676	0.858	0.858	0.858	0.858	0.858	0.764	0.500	0.243
19	0.352	0.352	0.474	0.683	0.858	0.858	0.858	0.858	0.858	0.756	0.491	0.235
20	0.352	0.352	0.480	0.690	0.858	0.858	0.858	0.858	0.858	0.747	0.483	0.226
21	0.352	0.352	0.487	0.696	0.858	0.858	0.858	0.858	0.858	0.739	0.474	0.218
22	0.352	0.352	0.494	0.703	0.858	0.858	0.858	0.858	0.858	0.730	0.465	0.209
23	0.352	0.352	0.501	0.710	0.858	0.858	0.858	0.858	0.858	0.722	0.457	0.201
24	0.352	0.352	0.507	0.717	0.858	0.858	0.858	0.858	0.858	0.713	0.448	0.192
25	0.352	0.352	0.514	0.723	0.858	0.858	0.858	0.858	0.858	0.705	0.440	0.184
26	0.352	0.352	0.521	0.730	0.858	0.858	0.858	0.858	0.858	0.696	0.431	0.175
27	0.352	0.352	0.528	0.737	0.858	0.858	0.858	0.858	0.858	0.688	0.423	0.200
28	0.352	0.352	0.534	0.744	0.858	0.858	0.858	0.858	0.858	0.679	0.414	0.200
29	0.352		0.541	0.750	0.858	0.858	0.858	0.858	0.858	0.670	0.406	0.200
30	0.352		0.548	0.757	0.858	0.858	0.858	0.858	0.858	0.662	0.397	0.200
31	0.352		0.555		0.858		0.858	0.858		0.653		0.200

Parker/Palo Verde Area

ET-Rate Table

ET calculations for		Sheet A			2003	ET SUMMARY SHEET								
Parker/Palo Verde Area ET-Rate Table														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Reference ET, inches														
	2.85	2.84	5.24	6.91	8.59	9.58	9.35	8.36	7.07	5.49	2.77	2.53		71.58
Precipitation, inches														
	0.28	0.97	0.35	0.04	0.00	0.00	0.13	0.13	0.33	0.00	0.33	0.51		3.07
Monthly ET values for each crop and phreatophyte group, inches														
Crop/Phreatophyte														
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54		63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90		40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48		44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00		34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74		22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00		29.79
Lettuce-early	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00		5.69
Lettuce-late	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80		7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00		24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13		14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00		39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06		54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87		25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59		42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05		29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00		27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00		42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32		13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16		11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14		68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00		35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36		55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31		17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19		11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90		54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27		31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00		36.25
Herbs-misc	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07		11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53		60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53		43.80
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63		69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73		12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51		55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51		62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51		66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51		64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55		67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53		48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66		60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59		58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54		57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59		60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68		52.09

ET calculations for | Sheet B | 2003 | PRECIPITATION

Parker/Palo Verde Area ET-Rate Table

(This sheet calculates the total monthly precipitation from averaged daily values from 3 CIMIS, 1 AZMET, and 4 NWS Weather Stations)

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Precipitation, inches													
	0.28	0.97	0.35	0.04	0.00	0.00	0.13	0.13	0.33	0.00	0.33	0.51	3.07
Date													
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.01	
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	
7	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	
9	0.10	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	
11	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.24	
12	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.01	
13	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	
14	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.15	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	
17	0.00	0.00	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.27	0.00	0.00	0.00	0.00	0.07	0.10	0.00	0.00	0.00	0.00	
26	0.00	0.10	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.03	0.00	
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	
29	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	
30	0.00		0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.00	
31	0.00		0.00		0.00		0.00	0.00		0.00		0.00	

ET calculations for			Sheet C		2003	EFFECTIVE PRECIPITATION								
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate effective precipitation)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Effective Precipitation, inches														
	0.11	0.39	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.20		0.91
Coefficient for Effective Precipitation (from Jensen, 1995)														
	0.4	0.4	0.2	0	0	0	0	0	0	0.4	0.4	0.4		
Effective Precipitation (Precipitation X Effective Precip. coefficient.), inches														
Date														
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
8	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
9	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06		
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.10		
12	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00		
13	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01		
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
26	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00		
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.00		0.00		0.00	0.00		0.00		0.00		

ET calculations for			Sheet D		2003	Reference ET							
Parker/Palo Verde Area ET-Rate Table													
(Sheet to store reference ET values from LCRAS_ETo_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total ETo, inches													
	2.85	2.84	5.24	6.91	8.59	9.58	9.35	8.36	7.07	5.49	2.77	2.53	71.58
Date													
1	0.10	0.13	0.10	0.27	0.23	0.31	0.36	0.22	0.26	0.21	0.10	0.07	
2	0.09	0.18	0.12	0.25	0.24	0.31	0.34	0.26	0.27	0.23	0.10	0.09	
3	0.09	0.11	0.08	0.19	0.25	0.33	0.33	0.30	0.28	0.18	0.14	0.08	
4	0.09	0.09	0.12	0.21	0.23	0.32	0.32	0.30	0.26	0.16	0.09	0.09	
5	0.12	0.13	0.12	0.20	0.24	0.32	0.33	0.31	0.23	0.17	0.09	0.08	
6	0.21	0.10	0.13	0.17	0.26	0.31	0.33	0.23	0.24	0.15	0.09	0.07	
7	0.12	0.10	0.13	0.21	0.26	0.33	0.31	0.32	0.27	0.16	0.07	0.11	
8	0.06	0.10	0.14	0.22	0.24	0.33	0.33	0.32	0.28	0.18	0.10	0.13	
9	0.06	0.10	0.15	0.24	0.22	0.31	0.30	0.32	0.30	0.20	0.09	0.08	
10	0.06	0.08	0.15	0.22	0.22	0.27	0.36	0.30	0.22	0.18	0.11	0.07	
11	0.07	0.09	0.16	0.23	0.23	0.30	0.34	0.31	0.23	0.16	0.07	0.08	
12	0.07	0.04	0.15	0.21	0.24	0.29	0.33	0.27	0.22	0.16	0.02	0.06	
13	0.07	0.04	0.15	0.23	0.22	0.30	0.34	0.32	0.24	0.18	0.07	0.05	
14	0.07	0.07	0.18	0.23	0.26	0.31	0.33	0.24	0.24	0.17	0.07	0.08	
15	0.09	0.09	0.13	0.22	0.26	0.32	0.28	0.26	0.26	0.20	0.07	0.11	
16	0.09	0.09	0.13	0.19	0.27	0.32	0.34	0.23	0.28	0.17	0.08	0.10	
17	0.10	0.08	0.13	0.24	0.32	0.30	0.32	0.27	0.28	0.18	0.07	0.09	
18	0.10	0.10	0.23	0.20	0.31	0.33	0.27	0.33	0.26	0.18	0.09	0.08	
19	0.08	0.12	0.25	0.21	0.28	0.33	0.29	0.27	0.21	0.18	0.09	0.08	
20	0.07	0.15	0.17	0.22	0.27	0.35	0.31	0.23	0.22	0.17	0.08	0.07	
21	0.07	0.15	0.22	0.27	0.30	0.34	0.35	0.26	0.22	0.15	0.13	0.09	
22	0.07	0.12	0.17	0.25	0.33	0.33	0.34	0.21	0.23	0.17	0.19	0.08	
23	0.06	0.10	0.20	0.22	0.31	0.36	0.28	0.25	0.18	0.15	0.12	0.07	
24	0.10	0.13	0.18	0.24	0.34	0.29	0.24	0.27	0.13	0.18	0.08	0.06	
25	0.13	0.05	0.19	0.26	0.33	0.28	0.24	0.28	0.19	0.28	0.08	0.11	
26	0.11	0.10	0.22	0.24	0.30	0.31	0.18	0.22	0.21	0.19	0.09	0.10	
27	0.10	0.11	0.28	0.28	0.30	0.32	0.29	0.19	0.21	0.14	0.12	0.10	
28	0.08	0.09	0.26	0.27	0.33	0.34	0.18	0.25	0.22	0.14	0.10	0.07	
29	0.10		0.21	0.28	0.36	0.36	0.28	0.28	0.21	0.18	0.09	0.05	
30	0.10		0.19	0.24	0.32	0.36	0.26	0.27	0.22	0.20	0.08	0.06	
31	0.12		0.20		0.32		0.25	0.27		0.14		0.07	
* - Estimated													

ET calculations for			Sheet E: Page 1 of 2		2003	CROP ET								
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Alfalfa-1a perennial)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54		63.95
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.11	0.09	0.11	0.24	0.12	0.34	0.40	0.24	0.20	0.23	0.11	0.06		
2	0.10	0.13	0.13	0.23	0.13	0.34	0.38	0.29	0.22	0.08	0.11	0.09		
3	0.10	0.08	0.09	0.18	0.15	0.36	0.36	0.33	0.24	0.07	0.15	0.08		
4	0.10	0.07	0.13	0.21	0.14	0.12	0.35	0.33	0.24	0.06	0.10	0.09		
5	0.13	0.11	0.13	0.21	0.15	0.12	0.36	0.34	0.22	0.07	0.10	0.09		
6	0.23	0.08	0.14	0.18	0.18	0.13	0.36	0.25	0.24	0.07	0.10	0.08		
7	0.13	0.09	0.14	0.23	0.18	0.15	0.34	0.35	0.28	0.08	0.08	0.12		
8	0.00	0.09	0.15	0.24	0.18	0.17	0.36	0.35	0.31	0.10	0.11	0.14		
9	0.03	0.09	0.17	0.26	0.17	0.17	0.33	0.35	0.33	0.11	0.10	0.06		
10	0.07	0.08	0.17	0.24	0.18	0.16	0.40	0.33	0.24	0.11	0.12	0.02		
11	0.08	0.09	0.18	0.25	0.19	0.19	0.38	0.34	0.25	0.10	0.06	-0.01		
12	0.08	-0.02	0.17	0.23	0.21	0.20	0.36	0.30	0.24	0.10	-0.08	0.06		
13	0.08	-0.13	0.17	0.25	0.20	0.22	0.38	0.35	0.26	0.12	0.02	0.06		
14	0.08	0.08	0.20	0.25	0.24	0.24	0.12	0.26	0.26	0.12	0.03	0.09		
15	0.03	0.10	0.11	0.24	0.25	0.26	0.10	0.29	0.29	0.15	0.03	0.12		
16	0.03	0.10	0.01	0.21	0.26	0.28	0.14	0.25	0.31	0.13	0.03	0.10		
17	0.04	0.09	0.05	0.26	0.32	0.28	0.15	0.30	0.31	0.15	0.03	0.10		
18	0.04	0.11	0.08	0.22	0.32	0.32	0.14	0.36	0.29	0.15	0.04	0.09		
19	0.03	0.13	0.09	0.23	0.30	0.33	0.16	0.30	0.23	0.16	0.04	0.09		
20	0.03	0.17	0.07	0.24	0.30	0.37	0.19	0.25	0.24	0.16	0.04	0.08		
21	0.03	0.17	0.10	0.30	0.33	0.38	0.23	0.29	0.24	0.14	0.07	0.10		
22	0.03	0.13	0.08	0.28	0.36	0.36	0.24	0.23	0.25	0.17	0.11	0.09		
23	0.03	0.11	0.10	0.24	0.34	0.40	0.21	0.09	0.20	0.15	0.08	0.08		
24	0.05	0.14	0.10	0.26	0.38	0.32	0.19	0.10	0.14	0.19	0.05	0.07		
25	0.07	-0.05	0.11	0.10	0.36	0.31	0.21	0.12	0.21	0.30	0.06	0.12		
26	0.06	0.07	0.14	0.09	0.33	0.34	0.16	0.10	0.23	0.21	0.05	0.11		
27	0.06	0.12	0.19	0.11	0.33	0.35	0.28	0.10	0.23	0.15	0.09	0.11		
28	0.05	0.10	0.19	0.12	0.36	0.38	0.18	0.14	0.24	0.15	0.08	0.08		
29	0.06		0.16	0.13	0.40	0.40	0.30	0.17	0.23	0.20	0.07	0.06		
30	0.07		0.15	0.12	0.35	0.40	0.29	0.18	0.24	0.22	0.07	0.07		
31	0.08		0.17		0.35		0.28	0.19		0.15		0.08		

(Daily Kc values)		Sheet E: Page 2 of 2			2003	CROP ET						
Alfalfa-perennial												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	1.104	0.707	1.104	0.871	0.521	1.104	1.104	1.104	0.760	1.104	1.104	0.920
2	1.104	0.736	1.104	0.910	0.552	1.104	1.104	1.104	0.809	0.368	1.104	0.956
3	1.104	0.764	1.104	0.949	0.582	1.104	1.104	1.104	0.858	0.368	1.104	0.993
4	1.104	0.792	1.104	0.987	0.613	0.368	1.104	1.104	0.907	0.400	1.104	1.030
5	1.104	0.821	1.104	1.026	0.644	0.368	1.104	1.104	0.956	0.432	1.104	1.067
6	1.104	0.849	1.104	1.065	0.674	0.414	1.104	1.104	1.006	0.464	1.104	1.104
7	1.104	0.877	1.104	1.104	0.705	0.460	1.104	1.104	1.055	0.496	1.104	1.104
8	1.104	0.906	1.104	1.104	0.736	0.506	1.104	1.104	1.104	0.528	1.104	1.104
9	1.104	0.934	1.104	1.104	0.766	0.552	1.104	1.104	1.104	0.560	1.104	1.104
10	1.104	0.962	1.104	1.104	0.797	0.598	1.104	1.104	1.104	0.592	1.104	1.104
11	1.104	0.990	1.104	1.104	0.828	0.644	1.104	1.104	1.104	0.624	1.104	1.104
12	1.104	1.019	1.104	1.104	0.858	0.690	1.104	1.104	1.104	0.656	0.368	1.104
13	1.104	1.047	1.104	1.104	0.889	0.736	1.104	1.104	1.104	0.688	0.368	1.104
14	1.104	1.075	1.104	1.104	0.920	0.782	0.368	1.104	1.104	0.720	0.368	1.104
15	0.368	1.104	1.104	1.104	0.950	0.828	0.368	1.104	1.104	0.752	0.368	1.104
16	0.368	1.104	0.368	1.104	0.981	0.874	0.417	1.104	1.104	0.784	0.368	1.104
17	0.368	1.104	0.368	1.104	1.012	0.920	0.466	1.104	1.104	0.816	0.405	1.104
18	0.368	1.104	0.368	1.104	1.042	0.966	0.515	1.104	1.104	0.848	0.441	1.104
19	0.368	1.104	0.368	1.104	1.073	1.012	0.564	1.104	1.104	0.880	0.478	1.104
20	0.368	1.104	0.407	1.104	1.104	1.058	0.613	1.104	1.104	0.912	0.515	1.104
21	0.396	1.104	0.445	1.104	1.104	1.104	0.662	1.104	1.104	0.944	0.552	1.104
22	0.424	1.104	0.484	1.104	1.104	1.104	0.711	1.104	1.104	0.976	0.589	1.104
23	0.453	1.104	0.523	1.104	1.104	1.104	0.760	0.368	1.104	1.008	0.625	1.104
24	0.481	1.104	0.562	1.104	1.104	1.104	0.809	0.368	1.104	1.040	0.662	1.104
25	0.509	1.104	0.600	0.368	1.104	1.104	0.858	0.417	1.104	1.072	0.699	1.104
26	0.538	1.104	0.639	0.368	1.104	1.104	0.907	0.466	1.104	1.104	0.736	1.104
27	0.566	1.104	0.678	0.399	1.104	1.104	0.956	0.515	1.104	1.104	0.773	1.104
28	0.594	1.104	0.716	0.429	1.104	1.104	1.006	0.564	1.104	1.104	0.809	1.104
29	0.623		0.755	0.460	1.104	1.104	1.055	0.613	1.104	1.104	0.846	1.104
30	0.651		0.794	0.491	1.104	1.104	1.104	0.662	1.104	1.104	0.883	1.104
31	0.679		0.833		1.104		1.104	0.711		1.104		1.104

ET calculations for			Sheet F: Page 1 of 2		2003	CROP ET								
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Alfalfa-1b annual)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90		40.42
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.04	0.11	0.12	0.16	0.26	0.14	0.32	0.00	0.00	0.00	0.00	0.03		
2	0.04	0.16	0.14	0.15	0.28	0.14	0.31	0.00	0.00	0.00	0.00	0.04		
3	0.04	0.10	0.09	0.12	0.29	0.15	0.31	0.00	0.00	0.00	0.00	0.03		
4	0.04	0.08	0.14	0.14	0.27	0.14	0.31	0.00	0.00	0.00	0.00	0.04		
5	0.05	0.12	0.14	0.13	0.28	0.14	0.32	0.00	0.00	0.00	0.00	0.03		
6	0.09	0.09	0.15	0.12	0.31	0.14	0.33	0.00	0.00	0.00	0.00	0.03		
7	0.05	0.10	0.15	0.15	0.31	0.15	0.31	0.00	0.00	0.00	0.00	0.05		
8	-0.04	0.10	0.16	0.16	0.28	0.16	0.34	0.00	0.00	0.00	0.00	0.05		
9	-0.01	0.10	0.17	0.18	0.26	0.15	0.31	0.00	0.00	0.00	0.00	0.01		
10	0.03	0.08	0.17	0.17	0.26	0.14	0.38	0.00	0.00	0.00	0.00	-0.03		
11	0.03	0.09	0.18	0.18	0.27	0.16	0.37	0.00	0.00	0.00	0.00	-0.06		
12	0.03	-0.02	0.17	0.17	0.28	0.16	0.36	0.00	0.00	0.00	0.00	0.02		
13	0.04	-0.13	0.17	0.19	0.26	0.17	0.38	0.00	0.00	0.00	0.00	0.02		
14	0.04	0.08	0.21	0.19	0.31	0.18	0.38	0.00	0.00	0.00	0.00	0.03		
15	0.05	0.10	0.12	0.19	0.31	0.19	0.32	0.00	0.00	0.00	0.00	0.05		
16	0.05	0.10	0.02	0.16	0.32	0.20	0.40	0.00	0.00	0.00	0.00	0.04		
17	0.06	0.09	0.06	0.21	0.38	0.19	0.38	0.00	0.00	0.00	0.00	0.04		
18	0.06	0.12	0.10	0.18	0.36	0.22	0.32	0.00	0.00	0.00	0.00	0.03		
19	0.05	0.14	0.11	0.19	0.33	0.22	0.34	0.00	0.00	0.00	0.00	0.03		
20	0.04	0.17	0.08	0.21	0.32	0.24	0.36	0.00	0.00	0.00	0.00	0.03		
21	0.05	0.17	0.10	0.26	0.35	0.24	0.41	0.00	0.00	0.00	0.00	0.04		
22	0.05	0.14	0.08	0.24	0.39	0.24	0.40	0.00	0.00	0.00	0.00	0.03		
23	0.04	0.12	0.09	0.22	0.36	0.27	0.33	0.00	0.00	0.00	0.00	0.03		
24	0.07	0.15	0.08	0.24	0.40	0.22	0.28	0.00	0.00	0.00	0.00	0.03		
25	0.09	-0.05	0.09	0.27	0.39	0.22	0.28	0.00	0.00	0.00	0.00	0.05		
26	0.08	0.08	0.11	0.25	0.35	0.25	0.21	0.00	0.00	0.00	0.00	0.04		
27	0.08	0.13	0.14	0.30	0.35	0.26	0.34	0.00	0.00	0.00	0.00	0.04		
28	0.06	0.10	0.13	0.29	0.39	0.29	0.21	0.00	0.00	0.00	0.00	0.03		
29	0.08		0.11	0.31	0.16	0.31	0.33	0.00	0.00	0.00	0.00	0.02		
30	0.08		0.10	0.27	0.14	0.32	0.31	0.00	0.00	0.00	0.00	0.03		
31	0.10		0.11		0.14		0.29	0.00		0.00		0.03		

(Daily Kc values)		Sheet F: Page 2 of 2			2003	CROP ET								
Alfalfa-annual														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.436	0.848	1.152	0.589	1.138	0.442	0.900	0.000	0.000	0.000	0.000	0.436		
2	0.436	0.866	1.152	0.607	1.156	0.442	0.918	0.000	0.000	0.000	0.000	0.436		
3	0.436	0.884	1.152	0.625	1.175	0.442	0.937	0.000	0.000	0.000	0.000	0.436		
4	0.436	0.902	1.152	0.644	1.175	0.442	0.955	0.000	0.000	0.000	0.000	0.436		
5	0.436	0.920	1.152	0.662	1.175	0.442	0.973	0.000	0.000	0.000	0.000	0.436		
6	0.436	0.938	1.152	0.680	1.175	0.442	0.992	0.000	0.000	0.000	0.000	0.436		
7	0.436	0.955	1.152	0.699	1.175	0.461	1.010	0.000	0.000	0.000	0.000	0.436		
8	0.436	0.973	1.152	0.717	1.175	0.479	1.028	0.000	0.000	0.000	0.000	0.436		
9	0.436	0.991	1.152	0.735	1.175	0.497	1.046	0.000	0.000	0.000	0.000	0.436		
10	0.454	1.009	1.152	0.754	1.175	0.516	1.065	0.000	0.000	0.000	0.000	0.436		
11	0.472	1.027	1.152	0.772	1.175	0.534	1.083	0.000	0.000	0.000	0.000	0.436		
12	0.490	1.045	1.152	0.790	1.175	0.552	1.101	0.000	0.000	0.000	0.000	0.436		
13	0.508	1.063	1.152	0.808	1.175	0.570	1.120	0.000	0.000	0.000	0.000	0.436		
14	0.526	1.081	1.152	0.827	1.175	0.589	1.138	0.000	0.000	0.000	0.000	0.436		
15	0.544	1.099	1.152	0.845	1.175	0.607	1.156	0.000	0.000	0.000	0.000	0.436		
16	0.562	1.117	0.442	0.863	1.175	0.625	1.175	0.000	0.000	0.000	0.000	0.436		
17	0.579	1.135	0.442	0.882	1.175	0.644	1.175	0.000	0.000	0.000	0.000	0.436		
18	0.597	1.152	0.442	0.900	1.175	0.662	1.175	0.000	0.000	0.000	0.000	0.436		
19	0.615	1.152	0.442	0.918	1.175	0.680	1.175	0.000	0.000	0.000	0.000	0.436		
20	0.633	1.152	0.442	0.937	1.175	0.699	1.175	0.000	0.000	0.000	0.000	0.436		
21	0.651	1.152	0.442	0.955	1.175	0.717	1.175	0.000	0.000	0.000	0.000	0.436		
22	0.669	1.152	0.442	0.973	1.175	0.735	1.175	0.000	0.000	0.000	0.000	0.436		
23	0.687	1.152	0.442	0.992	1.175	0.754	1.175	0.000	0.000	0.000	0.000	0.436		
24	0.705	1.152	0.442	1.010	1.175	0.772	1.175	0.000	0.000	0.000	0.000	0.436		
25	0.723	1.152	0.461	1.028	1.175	0.790	1.175	0.000	0.000	0.000	0.000	0.436		
26	0.741	1.152	0.479	1.046	1.175	0.808	1.175	0.000	0.000	0.000	0.000	0.436		
27	0.758	1.152	0.497	1.065	1.175	0.827	1.175	0.000	0.000	0.000	0.000	0.436		
28	0.776	1.152	0.516	1.083	1.175	0.845	1.175	0.000	0.000	0.000	0.000	0.436		
29	0.794		0.534	1.101	0.442	0.863	1.175	0.000	0.000	0.000	0.000	0.436		
30	0.812		0.552	1.120	0.442	0.882	1.175	0.000	0.000	0.000	0.000	0.436		
31	0.830		0.570		0.442		1.175	0.000		0.000		0.436		

ET calculations for			Sheet G: Page 1 of 2		2003	CROP ET								
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Alfalfa-1c seed)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48		44.68
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.03	0.06	0.08	0.09	0.11	0.26	0.12	0.11	0.23	0.18	0.11	0.06		
2	0.03	0.09	0.10	0.08	0.12	0.27	0.11	0.13	0.24	0.20	0.11	0.08		
3	0.03	0.06	0.07	0.06	0.12	0.29	0.11	0.15	0.25	0.16	0.15	0.07		
4	0.03	0.05	0.11	0.07	0.12	0.29	0.11	0.15	0.24	0.15	0.10	0.08		
5	0.04	0.07	0.11	0.07	0.12	0.29	0.11	0.16	0.22	0.17	0.10	0.08		
6	0.07	0.05	0.12	0.06	0.14	0.29	0.11	0.12	0.23	0.15	0.10	0.07		
7	0.04	0.06	0.12	0.07	0.14	0.31	0.11	0.17	0.26	0.17	0.08	0.11		
8	-0.05	0.06	0.13	0.08	0.13	0.32	0.11	0.18	0.28	0.19	0.11	0.13		
9	-0.02	0.06	0.15	0.08	0.12	0.31	0.10	0.18	0.30	0.22	0.10	0.06		
10	0.02	0.05	0.15	0.08	0.12	0.27	0.13	0.17	0.23	0.20	0.12	0.02		
11	0.03	0.05	0.16	0.08	0.13	0.31	0.12	0.18	0.24	0.18	0.06	-0.01		
12	0.03	-0.04	0.15	0.08	0.14	0.30	0.12	0.16	0.23	0.18	-0.06	0.06		
13	0.03	-0.15	0.16	0.08	0.13	0.32	0.12	0.19	0.26	0.20	0.07	0.06		
14	0.03	0.04	0.19	0.08	0.16	0.33	0.12	0.15	0.26	0.19	0.08	0.09		
15	0.03	0.06	0.11	0.08	0.16	0.35	0.10	0.16	0.10	0.22	0.03	0.12		
16	0.03	0.06	0.10	0.07	0.17	0.11	0.13	0.15	0.10	0.19	0.03	0.10		
17	0.04	0.05	0.04	0.09	0.21	0.10	0.12	0.18	0.11	0.20	0.03	0.10		
18	0.04	0.07	0.08	0.08	0.20	0.11	0.10	0.22	0.11	0.20	0.03	0.09		
19	0.03	0.08	0.08	0.08	0.19	0.11	0.11	0.18	0.10	0.20	0.03	0.09		
20	0.03	0.11	0.06	0.09	0.18	0.11	0.12	0.16	0.11	0.19	0.03	0.08		
21	0.03	0.11	0.07	0.11	0.21	0.11	0.14	0.18	0.12	0.17	0.06	0.10		
22	0.03	0.09	0.06	0.10	0.23	0.11	0.14	0.15	0.13	0.19	0.09	0.09		
23	0.03	0.08	0.07	0.09	0.22	0.12	0.12	0.18	0.11	0.17	0.06	0.08		
24	0.04	0.10	0.06	0.10	0.25	0.09	0.10	0.20	0.08	0.20	0.04	0.07		
25	0.06	-0.07	0.06	0.11	0.25	0.09	0.10	0.21	0.12	0.31	0.05	0.12		
26	0.05	0.04	0.07	0.11	0.23	0.10	0.08	0.17	0.14	0.21	0.04	0.11		
27	0.05	0.09	0.09	0.12	0.23	0.10	0.13	0.15	0.15	0.15	0.08	0.11		
28	0.04	0.07	0.08	0.12	0.26	0.11	0.08	0.20	0.17	0.15	0.07	0.08		
29	0.05		0.07	0.13	0.29	0.12	0.13	0.23	0.16	0.20	0.06	0.06		
30	0.05		0.06	0.11	0.26	0.12	0.12	0.23	0.18	0.22	0.06	0.07		
31	0.06		0.07		0.27		0.12	0.23		0.15		0.08		

(Daily Kc values)		Sheet G: Page 2 of 2			2003	CROP ET						
Alfalfa-seed												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.330	0.495	0.839	0.329	0.478	0.854	0.329	0.486	0.870	0.848	1.104	0.809
2	0.332	0.504	0.854	0.330	0.486	0.870	0.330	0.495	0.887	0.880	1.104	0.846
3	0.334	0.513	0.870	0.332	0.495	0.887	0.332	0.504	0.903	0.912	1.104	0.883
4	0.336	0.523	0.887	0.334	0.504	0.903	0.334	0.513	0.920	0.944	1.104	0.920
5	0.339	0.533	0.903	0.336	0.513	0.920	0.336	0.523	0.937	0.976	1.104	0.956
6	0.342	0.543	0.920	0.339	0.523	0.937	0.339	0.533	0.954	1.008	1.104	0.993
7	0.345	0.553	0.937	0.342	0.533	0.954	0.342	0.543	0.971	1.040	1.104	1.030
8	0.348	0.564	0.954	0.345	0.543	0.971	0.345	0.553	0.989	1.072	1.104	1.067
9	0.351	0.574	0.971	0.348	0.553	0.989	0.348	0.564	1.006	1.104	1.104	1.104
10	0.355	0.585	0.989	0.351	0.564	1.006	0.351	0.574	1.024	1.104	1.104	1.104
11	0.359	0.597	1.006	0.355	0.574	1.024	0.355	0.585	1.043	1.104	1.104	1.104
12	0.363	0.608	1.024	0.359	0.585	1.043	0.359	0.597	1.061	1.104	1.104	1.104
13	0.367	0.620	1.043	0.363	0.597	1.061	0.363	0.608	1.080	1.104	1.104	1.104
14	0.372	0.632	1.061	0.367	0.608	1.080	0.367	0.620	1.099	1.104	1.104	1.104
15	0.377	0.644	1.080	0.372	0.620	1.099	0.372	0.632	0.368	1.104	0.368	1.104
16	0.382	0.656	1.099	0.377	0.632	0.334	0.377	0.644	0.368	1.104	0.368	1.104
17	0.387	0.669	0.334	0.382	0.644	0.332	0.382	0.656	0.400	1.104	0.368	1.104
18	0.393	0.682	0.332	0.387	0.656	0.330	0.387	0.669	0.432	1.104	0.368	1.104
19	0.398	0.695	0.330	0.393	0.669	0.329	0.393	0.682	0.464	1.104	0.368	1.104
20	0.404	0.708	0.329	0.398	0.682	0.328	0.398	0.695	0.496	1.104	0.405	1.104
21	0.411	0.722	0.328	0.404	0.695	0.326	0.404	0.708	0.528	1.104	0.441	1.104
22	0.417	0.735	0.326	0.411	0.708	0.326	0.411	0.722	0.560	1.104	0.478	1.104
23	0.424	0.750	0.326	0.417	0.722	0.325	0.417	0.735	0.592	1.104	0.515	1.104
24	0.431	0.764	0.325	0.424	0.735	0.325	0.424	0.750	0.624	1.104	0.552	1.104
25	0.438	0.778	0.325	0.431	0.750	0.325	0.431	0.764	0.656	1.104	0.589	1.104
26	0.445	0.793	0.325	0.438	0.764	0.325	0.438	0.778	0.688	1.104	0.625	1.104
27	0.453	0.808	0.325	0.445	0.778	0.325	0.445	0.793	0.720	1.104	0.662	1.104
28	0.461	0.823	0.325	0.453	0.793	0.326	0.453	0.808	0.752	1.104	0.699	1.104
29	0.469		0.326	0.461	0.808	0.326	0.461	0.823	0.784	1.104	0.736	1.104
30	0.478		0.326	0.469	0.823	0.328	0.469	0.839	0.816	1.104	0.773	1.104
31	0.486		0.328		0.839		0.478	0.854		1.104		1.104

ET calculations for			Sheet H: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Cotton)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00		34.27
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.00	0.00	0.05	0.13	0.27	0.24	0.29	0.14	0.00	0.00		
2	0.00	0.00	0.00	0.00	0.05	0.13	0.26	0.29	0.30	0.15	0.00	0.00		
3	0.00	0.00	0.00	0.00	0.05	0.14	0.26	0.34	0.31	0.11	0.00	0.00		
4	0.00	0.00	0.00	0.00	0.05	0.14	0.25	0.34	0.29	0.10	0.00	0.00		
5	0.00	0.00	0.00	0.00	0.05	0.14	0.26	0.35	0.26	0.10	0.00	0.00		
6	0.00	0.00	0.00	0.00	0.05	0.14	0.27	0.26	0.27	0.08	0.00	0.00		
7	0.00	0.00	0.00	0.00	0.05	0.16	0.25	0.36	0.30	0.00	0.00	0.00		
8	0.00	0.00	0.00	0.00	0.05	0.16	0.27	0.36	0.31	0.00	0.00	0.00		
9	0.00	0.00	0.00	0.00	0.04	0.15	0.25	0.36	0.34	0.00	0.00	0.00		
10	0.00	0.00	0.00	0.04	0.04	0.14	0.31	0.34	0.25	0.00	0.00	0.00		
11	0.00	0.00	0.00	0.05	0.05	0.16	0.29	0.35	0.26	0.00	0.00	0.00		
12	0.00	0.00	0.00	0.04	0.05	0.15	0.29	0.30	0.24	0.00	0.00	0.00		
13	0.00	0.00	0.00	0.05	0.04	0.16	0.30	0.36	0.26	0.00	0.00	0.00		
14	0.00	0.00	0.00	0.05	0.05	0.17	0.30	0.27	0.25	0.00	0.00	0.00		
15	0.00	0.00	0.00	0.04	0.05	0.18	0.26	0.29	0.27	0.00	0.00	0.00		
16	0.00	0.00	0.00	0.04	0.06	0.18	0.31	0.26	0.28	0.00	0.00	0.00		
17	0.00	0.00	0.00	0.05	0.07	0.18	0.30	0.30	0.28	0.00	0.00	0.00		
18	0.00	0.00	0.00	0.04	0.08	0.20	0.26	0.37	0.25	0.00	0.00	0.00		
19	0.00	0.00	0.00	0.04	0.07	0.20	0.28	0.30	0.20	0.00	0.00	0.00		
20	0.00	0.00	0.00	0.04	0.07	0.22	0.30	0.26	0.20	0.00	0.00	0.00		
21	0.00	0.00	0.00	0.05	0.08	0.22	0.34	0.29	0.20	0.00	0.00	0.00		
22	0.00	0.00	0.00	0.05	0.10	0.21	0.34	0.23	0.20	0.00	0.00	0.00		
23	0.00	0.00	0.00	0.04	0.09	0.24	0.28	0.28	0.15	0.00	0.00	0.00		
24	0.00	0.00	0.00	0.05	0.11	0.19	0.24	0.30	0.11	0.00	0.00	0.00		
25	0.00	0.00	0.00	0.05	0.11	0.19	0.25	0.31	0.15	0.00	0.00	0.00		
26	0.00	0.00	0.00	0.05	0.10	0.21	0.19	0.25	0.16	0.00	0.00	0.00		
27	0.00	0.00	0.00	0.05	0.10	0.23	0.30	0.21	0.16	0.00	0.00	0.00		
28	0.00	0.00	0.00	0.05	0.12	0.24	0.19	0.28	0.16	0.00	0.00	0.00		
29	0.00		0.00	0.05	0.13	0.26	0.30	0.31	0.15	0.00	0.00	0.00		
30	0.00		0.00	0.05	0.12	0.27	0.28	0.30	0.15	0.00	0.00	0.00		
31	0.00		0.00		0.13		0.27	0.30		0.00		0.00		

(Daily Kc values)		Sheet H: Page 2 of 2			2003	CROP ET						
Cotton												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.000	0.000	0.000	0.196	0.404	0.750	1.108	1.119	0.669	0.000	0.000
2	0.000	0.000	0.000	0.000	0.196	0.415	0.761	1.119	1.119	0.646	0.000	0.000
3	0.000	0.000	0.000	0.000	0.196	0.427	0.773	1.119	1.119	0.624	0.000	0.000
4	0.000	0.000	0.000	0.000	0.196	0.438	0.784	1.119	1.119	0.601	0.000	0.000
5	0.000	0.000	0.000	0.000	0.196	0.450	0.796	1.119	1.119	0.579	0.000	0.000
6	0.000	0.000	0.000	0.000	0.196	0.461	0.808	1.119	1.119	0.556	0.000	0.000
7	0.000	0.000	0.000	0.000	0.196	0.473	0.819	1.119	1.119	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.196	0.485	0.831	1.119	1.119	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.196	0.496	0.842	1.119	1.119	0.000	0.000	0.000
10	0.000	0.000	0.000	0.196	0.196	0.508	0.854	1.119	1.119	0.000	0.000	0.000
11	0.000	0.000	0.000	0.196	0.196	0.519	0.865	1.119	1.119	0.000	0.000	0.000
12	0.000	0.000	0.000	0.196	0.196	0.531	0.877	1.119	1.097	0.000	0.000	0.000
13	0.000	0.000	0.000	0.196	0.196	0.542	0.888	1.119	1.074	0.000	0.000	0.000
14	0.000	0.000	0.000	0.196	0.196	0.554	0.900	1.119	1.052	0.000	0.000	0.000
15	0.000	0.000	0.000	0.196	0.208	0.565	0.911	1.119	1.029	0.000	0.000	0.000
16	0.000	0.000	0.000	0.196	0.219	0.577	0.923	1.119	1.007	0.000	0.000	0.000
17	0.000	0.000	0.000	0.196	0.231	0.588	0.934	1.119	0.984	0.000	0.000	0.000
18	0.000	0.000	0.000	0.196	0.242	0.600	0.946	1.119	0.962	0.000	0.000	0.000
19	0.000	0.000	0.000	0.196	0.254	0.611	0.958	1.119	0.939	0.000	0.000	0.000
20	0.000	0.000	0.000	0.196	0.265	0.623	0.969	1.119	0.916	0.000	0.000	0.000
21	0.000	0.000	0.000	0.196	0.277	0.635	0.981	1.119	0.894	0.000	0.000	0.000
22	0.000	0.000	0.000	0.196	0.288	0.646	0.992	1.119	0.871	0.000	0.000	0.000
23	0.000	0.000	0.000	0.196	0.300	0.658	1.004	1.119	0.849	0.000	0.000	0.000
24	0.000	0.000	0.000	0.196	0.311	0.669	1.015	1.119	0.826	0.000	0.000	0.000
25	0.000	0.000	0.000	0.196	0.323	0.681	1.027	1.119	0.804	0.000	0.000	0.000
26	0.000	0.000	0.000	0.196	0.335	0.692	1.038	1.119	0.781	0.000	0.000	0.000
27	0.000	0.000	0.000	0.196	0.346	0.704	1.050	1.119	0.759	0.000	0.000	0.000
28	0.000	0.000	0.000	0.196	0.358	0.715	1.061	1.119	0.736	0.000	0.000	0.000
29	0.000		0.000	0.196	0.369	0.727	1.073	1.119	0.714	0.000	0.000	0.000
30	0.000		0.000	0.196	0.381	0.738	1.084	1.119	0.691	0.000	0.000	0.000
31	0.000		0.000		0.392		1.096	1.119		0.000		0.000

ET calculations for			Sheet I: Page 1 of 2		2003	CROP ET								
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Small Grains includes oats, rye, barley, millet, and wheat)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74		22.16
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.06	0.14	0.11	0.30	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
2	0.06	0.20	0.14	0.28	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
3	0.06	0.12	0.09	0.21	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
4	0.06	0.10	0.14	0.24	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
5	0.08	0.15	0.14	0.23	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
6	0.14	0.11	0.15	0.19	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
7	0.08	0.11	0.15	0.24	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
8	-0.03	0.11	0.16	0.25	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
9	0.00	0.11	0.17	0.27	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10	0.04	0.09	0.17	0.25	0.13	0.00	0.00	0.00	0.00	0.00	0.00	-0.04		
11	0.05	0.10	0.18	0.26	0.12	0.00	0.00	0.00	0.00	0.00	0.00	-0.07		
12	0.05	-0.02	0.17	0.24	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.01		
13	0.06	-0.13	0.17	0.26	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.01		
14	0.06	0.08	0.20	0.26	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
15	0.07	0.10	0.12	0.25	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
16	0.08	0.10	0.11	0.21	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
17	0.09	0.09	0.14	0.27	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
18	0.09	0.11	0.26	0.23	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
19	0.07	0.14	0.28	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
20	0.06	0.17	0.19	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03		
21	0.06	0.17	0.25	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04		
22	0.07	0.14	0.19	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.03		
23	0.06	0.11	0.23	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.03		
24	0.10	0.15	0.20	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03		
25	0.13	-0.05	0.21	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.05		
26	0.11	0.07	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05		
27	0.10	0.12	0.32	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05		
28	0.08	0.10	0.29	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04		
29	0.11		0.24	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03		
30	0.11		0.21	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03		
31	0.13		0.23		0.00		0.00	0.00		0.00		0.04		

(Daily Kc values)		Sheet I: Page 2 of 2			2003	CROP ET						
Small Grain												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.596	1.111	1.128	1.128	0.866	0.000	0.000	0.000	0.000	0.000	0.000	0.297
2	0.612	1.128	1.128	1.128	0.833	0.000	0.000	0.000	0.000	0.000	0.000	0.297
3	0.629	1.128	1.128	1.128	0.801	0.000	0.000	0.000	0.000	0.000	0.000	0.297
4	0.646	1.128	1.128	1.128	0.768	0.000	0.000	0.000	0.000	0.000	0.000	0.297
5	0.662	1.128	1.128	1.128	0.735	0.000	0.000	0.000	0.000	0.000	0.000	0.297
6	0.679	1.128	1.128	1.128	0.702	0.000	0.000	0.000	0.000	0.000	0.000	0.297
7	0.696	1.128	1.128	1.128	0.670	0.000	0.000	0.000	0.000	0.000	0.000	0.297
8	0.712	1.128	1.128	1.128	0.637	0.000	0.000	0.000	0.000	0.000	0.000	0.297
9	0.729	1.128	1.128	1.128	0.604	0.000	0.000	0.000	0.000	0.000	0.000	0.297
10	0.745	1.128	1.128	1.128	0.572	0.000	0.000	0.000	0.000	0.000	0.000	0.297
11	0.762	1.128	1.128	1.128	0.539	0.000	0.000	0.000	0.000	0.000	0.000	0.297
12	0.779	1.128	1.128	1.128	0.506	0.000	0.000	0.000	0.000	0.000	0.000	0.297
13	0.795	1.128	1.128	1.128	0.473	0.000	0.000	0.000	0.000	0.000	0.000	0.297
14	0.812	1.128	1.128	1.128	0.441	0.000	0.000	0.000	0.000	0.000	0.000	0.297
15	0.829	1.128	1.128	1.128	0.408	0.000	0.000	0.000	0.000	0.000	0.000	0.313
16	0.845	1.128	1.128	1.128	0.375	0.000	0.000	0.000	0.000	0.000	0.000	0.330
17	0.862	1.128	1.128	1.128	0.342	0.000	0.000	0.000	0.000	0.000	0.000	0.347
18	0.878	1.128	1.128	1.128	0.310	0.000	0.000	0.000	0.000	0.000	0.000	0.363
19	0.895	1.128	1.128	1.128	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.380
20	0.912	1.128	1.128	1.128	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.396
21	0.928	1.128	1.128	1.128	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.413
22	0.945	1.128	1.128	1.128	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.430
23	0.961	1.128	1.128	1.128	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.446
24	0.978	1.128	1.128	1.095	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.463
25	0.995	1.128	1.128	1.062	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.479
26	1.011	1.128	1.128	1.030	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.496
27	1.028	1.128	1.128	0.997	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.513
28	1.045	1.128	1.128	0.964	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.529
29	1.061		1.128	0.931	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.546
30	1.078		1.128	0.899	0.000	0.000	0.000	0.000	0.000	0.000	0.297	0.563
31	1.094		1.128		0.000		0.000	0.000		0.000		0.579

ET calculations for			Sheet J: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Field Grain includes field & sweet corn, sorghum, and milo)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00		29.79
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.03	0.15	0.28	0.37	0.24	0.00	0.00	0.00	0.00	0.00		
2	0.00	0.00	0.03	0.15	0.29	0.37	0.22	0.00	0.00	0.00	0.00	0.00		
3	0.00	0.00	0.02	0.12	0.30	0.40	0.20	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.00	0.03	0.13	0.28	0.38	0.18	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.00	0.03	0.13	0.29	0.38	0.18	0.00	0.00	0.00	0.00	0.00		
6	0.00	0.00	0.04	0.11	0.31	0.37	0.17	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.00	0.04	0.15	0.31	0.40	0.15	0.00	0.00	0.00	0.00	0.00		
8	0.00	0.00	0.04	0.16	0.29	0.40	0.15	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.00	0.04	0.18	0.26	0.37	0.00	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.00	0.04	0.17	0.26	0.32	0.00	0.00	0.00	0.00	0.00	0.00		
11	0.00	0.00	0.05	0.18	0.28	0.36	0.00	0.00	0.00	0.00	0.00	0.00		
12	0.00	0.00	0.04	0.17	0.29	0.35	0.00	0.00	0.00	0.00	0.00	0.00		
13	0.00	0.00	0.04	0.19	0.26	0.36	0.00	0.00	0.00	0.00	0.00	0.00		
14	0.00	0.00	0.05	0.20	0.31	0.36	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.00	0.01	0.19	0.31	0.36	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.00	0.00	0.17	0.32	0.36	0.00	0.00	0.00	0.00	0.00	0.00		
17	0.00	0.00	0.04	0.22	0.38	0.32	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.00	0.07	0.19	0.37	0.35	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.00	0.07	0.20	0.34	0.34	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.00	0.05	0.22	0.32	0.35	0.00	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.00	0.07	0.27	0.36	0.33	0.00	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.00	0.06	0.26	0.40	0.31	0.00	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.00	0.07	0.23	0.37	0.33	0.00	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.00	0.07	0.26	0.41	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	0.00	0.08	0.29	0.40	0.24	0.00	0.00	0.00	0.00	0.00	0.00		
26	0.00	0.00	0.09	0.27	0.36	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
27	0.00	0.00	0.13	0.32	0.36	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.00	0.12	0.32	0.40	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.10	0.34	0.43	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.10	0.29	0.38	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.11		0.38		0.00	0.00		0.00		0.00		

(Daily Kc values)		Sheet J: Page 2 of 2			2003	CROP ET								
Field Grain														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.000	0.000	0.289	0.562	1.199	1.199	0.665	0.000	0.000	0.000	0.000	0.000		
2	0.000	0.000	0.289	0.585	1.199	1.199	0.636	0.000	0.000	0.000	0.000	0.000		
3	0.000	0.000	0.289	0.608	1.199	1.199	0.606	0.000	0.000	0.000	0.000	0.000		
4	0.000	0.000	0.289	0.630	1.199	1.199	0.576	0.000	0.000	0.000	0.000	0.000		
5	0.000	0.000	0.289	0.653	1.199	1.199	0.547	0.000	0.000	0.000	0.000	0.000		
6	0.000	0.000	0.289	0.676	1.199	1.199	0.517	0.000	0.000	0.000	0.000	0.000		
7	0.000	0.000	0.289	0.699	1.199	1.199	0.487	0.000	0.000	0.000	0.000	0.000		
8	0.000	0.000	0.289	0.721	1.199	1.199	0.458	0.000	0.000	0.000	0.000	0.000		
9	0.000	0.000	0.289	0.744	1.199	1.199	0.000	0.000	0.000	0.000	0.000	0.000		
10	0.000	0.000	0.289	0.767	1.199	1.199	0.000	0.000	0.000	0.000	0.000	0.000		
11	0.000	0.000	0.289	0.790	1.199	1.199	0.000	0.000	0.000	0.000	0.000	0.000		
12	0.000	0.000	0.289	0.812	1.199	1.199	0.000	0.000	0.000	0.000	0.000	0.000		
13	0.000	0.000	0.289	0.835	1.199	1.199	0.000	0.000	0.000	0.000	0.000	0.000		
14	0.000	0.000	0.289	0.858	1.199	1.170	0.000	0.000	0.000	0.000	0.000	0.000		
15	0.000	0.000	0.289	0.881	1.199	1.140	0.000	0.000	0.000	0.000	0.000	0.000		
16	0.000	0.000	0.289	0.903	1.199	1.110	0.000	0.000	0.000	0.000	0.000	0.000		
17	0.000	0.000	0.289	0.926	1.199	1.081	0.000	0.000	0.000	0.000	0.000	0.000		
18	0.000	0.000	0.289	0.949	1.199	1.051	0.000	0.000	0.000	0.000	0.000	0.000		
19	0.000	0.000	0.289	0.972	1.199	1.021	0.000	0.000	0.000	0.000	0.000	0.000		
20	0.000	0.000	0.289	0.994	1.199	0.992	0.000	0.000	0.000	0.000	0.000	0.000		
21	0.000	0.000	0.312	1.017	1.199	0.962	0.000	0.000	0.000	0.000	0.000	0.000		
22	0.000	0.000	0.335	1.040	1.199	0.932	0.000	0.000	0.000	0.000	0.000	0.000		
23	0.000	0.000	0.357	1.063	1.199	0.903	0.000	0.000	0.000	0.000	0.000	0.000		
24	0.000	0.000	0.380	1.085	1.199	0.873	0.000	0.000	0.000	0.000	0.000	0.000		
25	0.000	0.000	0.403	1.108	1.199	0.843	0.000	0.000	0.000	0.000	0.000	0.000		
26	0.000	0.000	0.426	1.131	1.199	0.814	0.000	0.000	0.000	0.000	0.000	0.000		
27	0.000	0.000	0.448	1.154	1.199	0.784	0.000	0.000	0.000	0.000	0.000	0.000		
28	0.000	0.000	0.471	1.176	1.199	0.754	0.000	0.000	0.000	0.000	0.000	0.000		
29	0.000		0.494	1.199	1.199	0.725	0.000	0.000	0.000	0.000	0.000	0.000		
30	0.000		0.517	1.199	1.199	0.695	0.000	0.000	0.000	0.000	0.000	0.000		
31	0.000		0.539		1.199		0.000	0.000		0.000		0.000		

ET calculations for			Sheet K: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Lettuce-6a early Oct 1 - Nov 28)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Lettuce-early	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00		5.69
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.08	0.00		
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.08	0.00		
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.11	0.00		
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.07	0.00		
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.08	0.00		
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.08	0.00		
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.00		
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.09	0.00		
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.08	0.00		
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.00		
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.05	0.00		
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	-0.06	0.00		
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.06	0.00		
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.07	0.00		
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.07	0.00		
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.08	0.00		
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.07	0.00		
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.09	0.00		
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.09	0.00		
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.08	0.00		
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.13	0.00		
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.19	0.00		
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.12	0.00		
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.08	0.00		
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.08	0.00		
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.08	0.00		
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.12	0.00		
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.00		
29	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00		
30	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00		
31	0.00		0.00		0.00		0.00	0.00		0.11		0.00		

(Daily Kc values)		Sheet K: Page 2 of 2			2003	CROP ET						
Lettuce-early												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.780	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.796	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.813	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.830	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.847	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.864	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.880	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.897	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.914	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.931	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.948	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.964	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.981	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.998	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.998	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.998	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.998	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.998	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.998	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.578	0.998	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.595	0.998	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.612	0.998	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.628	0.998	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.645	0.998	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.662	0.998	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.679	0.998	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.696	0.998	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.712	0.998	0.000
29	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.729	0.000	0.000
30	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.746	0.000	0.000
31	0.000		0.000		0.000		0.000	0.000		0.763		0.000

ET calculations for		Sheet L: Page 1 of 2			2003	CROP ET								
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Lettuce-6b late Dec 20 - Mar 14)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Lettuce-late	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80		7.51
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.09	0.13	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	0.08	0.18	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
3	0.08	0.11	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
4	0.08	0.09	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
5	0.10	0.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
6	0.18	0.10	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
7	0.10	0.10	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
8	-0.02	0.10	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
9	0.01	0.10	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10	0.05	0.08	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
11	0.06	0.09	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
12	0.06	-0.02	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
13	0.06	-0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
14	0.06	0.07	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
17	0.09	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.09	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.07	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.06	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06		
21	0.07	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08		
22	0.07	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07		
23	0.06	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06		
24	0.10	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05		
25	0.12	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09		
26	0.11	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09		
27	0.10	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09		
28	0.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06		
29	0.10		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
30	0.10		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05		
31	0.12		0.00		0.00		0.00	0.00		0.00		0.06		

(Daily Kc values)		Sheet L: Page 2 of 2			2003	CROP ET								
Lettuce-late														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.856	0.997	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
2	0.856	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
3	0.856	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
4	0.856	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
5	0.856	1.002	0.990	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
6	0.856	1.002	0.978	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
7	0.856	1.002	0.965	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
8	0.856	1.002	0.953	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
9	0.862	1.002	0.941	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
10	0.868	1.002	0.928	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
11	0.874	1.002	0.916	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
12	0.879	1.002	0.904	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
13	0.885	1.002	0.891	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
14	0.891	1.002	0.879	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
15	0.897	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
16	0.903	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
17	0.909	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
18	0.915	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
19	0.920	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
20	0.926	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856		
21	0.932	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856		
22	0.938	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856		
23	0.944	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856		
24	0.950	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856		
25	0.956	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856		
26	0.961	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856		
27	0.967	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856		
28	0.973	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856		
29	0.979		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856		
30	0.985		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.856		
31	0.991		0.000		0.000		0.000	0.000		0.000		0.856		

ET calculations for		Sheet M: Page 1 of 2			2003	CROP ET								
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Melons-7a spring Feb 25 - Jun 19)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00		24.17
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.06	0.23	0.23	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
2	0.00	0.00	0.07	0.22	0.24	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
3	0.00	0.00	0.05	0.17	0.25	0.31	0.00	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.00	0.07	0.19	0.23	0.30	0.00	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.00	0.07	0.19	0.24	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
6	0.00	0.00	0.08	0.16	0.26	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.00	0.08	0.20	0.26	0.30	0.00	0.00	0.00	0.00	0.00	0.00		
8	0.00	0.00	0.08	0.21	0.24	0.30	0.00	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.00	0.09	0.24	0.22	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.00	0.09	0.22	0.22	0.24	0.00	0.00	0.00	0.00	0.00	0.00		
11	0.00	0.00	0.09	0.23	0.23	0.27	0.00	0.00	0.00	0.00	0.00	0.00		
12	0.00	0.00	0.09	0.21	0.24	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
13	0.00	0.00	0.09	0.23	0.22	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
14	0.00	0.00	0.11	0.23	0.26	0.27	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.00	0.05	0.22	0.26	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.00	0.04	0.19	0.27	0.27	0.00	0.00	0.00	0.00	0.00	0.00		
17	0.00	0.00	0.08	0.24	0.32	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.00	0.14	0.20	0.31	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.00	0.16	0.21	0.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.00	0.11	0.22	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.00	0.15	0.27	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.00	0.12	0.25	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.00	0.14	0.22	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.00	0.13	0.24	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	-0.08	0.14	0.26	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
26	0.00	0.02	0.17	0.24	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
27	0.00	0.06	0.22	0.28	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.05	0.21	0.27	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.17	0.28	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.16	0.24	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.17		0.30		0.00	0.00		0.00		0.00		

(Daily Kc values)		Sheet M: Page 2 of 2			2003	CROP ET						
Melons-spring												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.000	0.587	0.858	1.011	0.943	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.587	0.875	1.011	0.937	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.587	0.892	1.011	0.932	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.587	0.909	1.011	0.926	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.587	0.926	1.011	0.920	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.587	0.943	1.011	0.915	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.587	0.960	1.011	0.909	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.587	0.977	1.011	0.903	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.587	0.994	1.011	0.898	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.587	1.011	1.011	0.892	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.587	1.011	1.011	0.886	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.587	1.011	1.011	0.880	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.587	1.011	1.011	0.875	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.587	1.011	1.011	0.869	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.587	1.011	1.011	0.863	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.587	1.011	1.011	0.858	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.604	1.011	1.011	0.852	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.621	1.011	1.011	0.846	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.638	1.011	1.011	0.841	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.655	1.011	1.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.672	1.011	1.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.689	1.011	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.706	1.011	0.994	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.723	1.011	0.988	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.587	0.740	1.011	0.983	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.587	0.757	1.011	0.977	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.587	0.774	1.011	0.971	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.587	0.790	1.011	0.966	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000		0.807	1.011	0.960	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000		0.824	1.011	0.954	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000		0.841		0.949		0.000	0.000		0.000		0.000

ET calculations for		Sheet N: Page 1 of 2			2003	CROP ET								
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Melons-7b fall Aug 20 - Dec 17)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13		14.69
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.18	0.10	0.07		
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.20	0.10	0.09		
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.16	0.14	0.08		
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.15	0.09	0.08		
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.16	0.09	0.08		
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.14	0.09	0.07		
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.16	0.07	0.10		
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.18	0.10	0.12		
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.20	0.09	0.05		
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.18	0.11	0.00		
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.16	0.05	-0.02		
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.16	-0.06	0.05		
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.18	0.07	0.05		
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.17	0.07	0.07		
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.20	0.07	0.10		
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.17	0.08	0.08		
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.18	0.07	0.08		
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.18	0.09	0.00		
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.18	0.09	0.00		
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.15	0.17	0.08	0.00		
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.15	0.15	0.13	0.00		
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.16	0.17	0.19	0.00		
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.13	0.15	0.12	0.00		
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.10	0.18	0.08	0.00		
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.14	0.28	0.08	0.00		
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.16	0.19	0.08	0.00		
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.17	0.14	0.12	0.00		
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.18	0.14	0.10	0.00		
29	0.00		0.00	0.00	0.00	0.00	0.00	0.13	0.18	0.18	0.08	0.00		
30	0.00		0.00	0.00	0.00	0.00	0.00	0.12	0.19	0.20	0.07	0.00		
31	0.00		0.00		0.00		0.00	0.12		0.14		0.00		

(Daily Kc values)		Sheet N: Page 2 of 2			2003	CROP ET								
Melons-fall														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.871	0.998	0.975		
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.889	0.998	0.969		
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.907	0.998	0.963		
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.925	0.998	0.957		
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.944	0.998	0.952		
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.962	0.998	0.946		
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.980	0.998	0.940		
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.998	0.998	0.934		
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.471	0.998	0.998	0.928		
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.489	0.998	0.998	0.922		
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.507	0.998	0.998	0.917		
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.525	0.998	0.998	0.911		
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.543	0.998	0.998	0.905		
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.562	0.998	0.998	0.899		
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.580	0.998	0.998	0.893		
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.598	0.998	0.998	0.888		
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.616	0.998	0.998	0.882		
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.634	0.998	0.998	0.000		
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.653	0.998	0.998	0.000		
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.671	0.998	0.998	0.000		
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.689	0.998	0.998	0.000		
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.707	0.998	0.998	0.000		
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.725	0.998	0.998	0.000		
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.744	0.998	0.998	0.000		
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.762	0.998	0.998	0.000		
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.780	0.998	0.998	0.000		
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.798	0.998	0.998	0.000		
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.453	0.816	0.998	0.992	0.000		
29	0.000		0.000	0.000	0.000	0.000	0.000	0.453	0.834	0.998	0.986	0.000		
30	0.000		0.000	0.000	0.000	0.000	0.000	0.453	0.853	0.998	0.981	0.000		
31	0.000		0.000		0.000		0.000	0.453		0.998		0.000		

ET calculations for			Sheet O: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Bermuda Grass-8a)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00		39.16
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.00	0.10	0.15	0.26	0.31	0.19	0.21	0.17	0.00	0.00		
2	0.00	0.00	0.00	0.09	0.16	0.26	0.29	0.22	0.22	0.18	0.00	0.00		
3	0.00	0.00	0.00	0.07	0.17	0.28	0.28	0.25	0.23	0.00	0.00	0.00		
4	0.00	0.00	0.00	0.08	0.16	0.27	0.27	0.25	0.21	0.00	0.00	0.00		
5	0.00	0.00	0.00	0.07	0.18	0.27	0.28	0.26	0.19	0.00	0.00	0.00		
6	0.00	0.00	0.00	0.06	0.20	0.26	0.28	0.19	0.20	0.00	0.00	0.00		
7	0.00	0.00	0.00	0.08	0.20	0.28	0.26	0.27	0.22	0.00	0.00	0.00		
8	0.00	0.00	0.00	0.08	0.19	0.28	0.28	0.27	0.23	0.00	0.00	0.00		
9	0.00	0.00	0.00	0.09	0.18	0.26	0.26	0.27	0.25	0.00	0.00	0.00		
10	0.00	0.00	0.00	0.08	0.19	0.23	0.31	0.25	0.18	0.00	0.00	0.00		
11	0.00	0.00	0.00	0.09	0.20	0.26	0.29	0.26	0.19	0.00	0.00	0.00		
12	0.00	0.00	0.00	0.08	0.20	0.25	0.28	0.23	0.18	0.00	0.00	0.00		
13	0.00	0.00	0.00	0.09	0.19	0.26	0.29	0.27	0.20	0.00	0.00	0.00		
14	0.00	0.00	0.00	0.09	0.22	0.26	0.28	0.20	0.20	0.00	0.00	0.00		
15	0.00	0.00	0.00	0.08	0.22	0.27	0.24	0.22	0.21	0.00	0.00	0.00		
16	0.00	0.00	0.00	0.07	0.23	0.27	0.29	0.19	0.23	0.00	0.00	0.00		
17	0.00	0.00	0.00	0.09	0.27	0.26	0.27	0.23	0.23	0.00	0.00	0.00		
18	0.00	0.00	0.00	0.07	0.26	0.28	0.23	0.28	0.21	0.00	0.00	0.00		
19	0.00	0.00	0.00	0.08	0.24	0.28	0.25	0.23	0.17	0.00	0.00	0.00		
20	0.00	0.00	0.00	0.08	0.23	0.30	0.26	0.19	0.18	0.00	0.00	0.00		
21	0.00	0.00	0.00	0.11	0.26	0.29	0.30	0.22	0.18	0.00	0.00	0.00		
22	0.00	0.00	0.00	0.11	0.28	0.28	0.29	0.17	0.19	0.00	0.00	0.00		
23	0.00	0.00	0.00	0.10	0.26	0.31	0.24	0.21	0.14	0.00	0.00	0.00		
24	0.00	0.00	0.00	0.11	0.29	0.25	0.20	0.22	0.10	0.00	0.00	0.00		
25	0.00	0.00	0.00	0.13	0.28	0.24	0.20	0.23	0.15	0.00	0.00	0.00		
26	0.00	0.00	0.00	0.12	0.26	0.26	0.15	0.18	0.17	0.00	0.00	0.00		
27	0.00	0.00	0.00	0.15	0.26	0.27	0.25	0.16	0.17	0.00	0.00	0.00		
28	0.00	0.00	0.00	0.15	0.28	0.29	0.15	0.21	0.18	0.00	0.00	0.00		
29	0.00		0.00	0.16	0.31	0.31	0.24	0.23	0.17	0.00	0.00	0.00		
30	0.00		0.00	0.15	0.27	0.31	0.22	0.22	0.18	0.00	0.00	0.00		
31	0.00		0.00		0.27		0.21	0.22		0.00		0.00		

(Daily Kc values)		Sheet O: Page 2 of 2			2003	CROP ET						
Bermuda												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.000	0.000	0.372	0.636	0.851	0.851	0.849	0.823	0.799	0.000	0.000
2	0.000	0.000	0.000	0.372	0.660	0.851	0.851	0.848	0.823	0.798	0.000	0.000
3	0.000	0.000	0.000	0.372	0.684	0.851	0.851	0.847	0.822	0.000	0.000	0.000
4	0.000	0.000	0.000	0.372	0.708	0.851	0.851	0.847	0.821	0.000	0.000	0.000
5	0.000	0.000	0.000	0.372	0.732	0.851	0.851	0.846	0.820	0.000	0.000	0.000
6	0.000	0.000	0.000	0.372	0.756	0.851	0.851	0.845	0.819	0.000	0.000	0.000
7	0.000	0.000	0.000	0.372	0.780	0.851	0.851	0.844	0.819	0.000	0.000	0.000
8	0.000	0.000	0.000	0.372	0.804	0.851	0.851	0.843	0.818	0.000	0.000	0.000
9	0.000	0.000	0.000	0.372	0.828	0.851	0.851	0.842	0.817	0.000	0.000	0.000
10	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.842	0.816	0.000	0.000	0.000
11	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.841	0.815	0.000	0.000	0.000
12	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.840	0.814	0.000	0.000	0.000
13	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.839	0.814	0.000	0.000	0.000
14	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.838	0.813	0.000	0.000	0.000
15	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.837	0.812	0.000	0.000	0.000
16	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.837	0.811	0.000	0.000	0.000
17	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.836	0.810	0.000	0.000	0.000
18	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.835	0.809	0.000	0.000	0.000
19	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.834	0.809	0.000	0.000	0.000
20	0.000	0.000	0.000	0.372	0.851	0.851	0.851	0.833	0.808	0.000	0.000	0.000
21	0.000	0.000	0.000	0.396	0.851	0.851	0.851	0.833	0.807	0.000	0.000	0.000
22	0.000	0.000	0.000	0.420	0.851	0.851	0.851	0.832	0.806	0.000	0.000	0.000
23	0.000	0.000	0.000	0.444	0.851	0.851	0.851	0.831	0.805	0.000	0.000	0.000
24	0.000	0.000	0.000	0.468	0.851	0.851	0.851	0.830	0.805	0.000	0.000	0.000
25	0.000	0.000	0.000	0.492	0.851	0.851	0.851	0.829	0.804	0.000	0.000	0.000
26	0.000	0.000	0.000	0.516	0.851	0.851	0.851	0.828	0.803	0.000	0.000	0.000
27	0.000	0.000	0.000	0.540	0.851	0.851	0.851	0.828	0.802	0.000	0.000	0.000
28	0.000	0.000	0.000	0.564	0.851	0.851	0.851	0.827	0.801	0.000	0.000	0.000
29	0.000		0.000	0.588	0.851	0.851	0.851	0.826	0.800	0.000	0.000	0.000
30	0.000		0.000	0.612	0.851	0.851	0.851	0.825	0.800	0.000	0.000	0.000
31	0.000		0.000		0.851		0.850	0.824		0.000		0.000

ET calculations for			Sheet P: Page 1 of 2		2003	CROP ET								
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Bermuda Grass overseeded with rye grass in winter-8b)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06		54.23
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.09	0.11	0.08	0.10	0.15	0.26	0.31	0.19	0.21	0.17	0.08	0.06		
2	0.08	0.16	0.10	0.09	0.16	0.26	0.29	0.22	0.22	0.18	0.08	0.08		
3	0.08	0.10	0.07	0.07	0.17	0.28	0.28	0.25	0.23	0.00	0.11	0.07		
4	0.08	0.08	0.10	0.08	0.16	0.27	0.27	0.25	0.21	0.05	0.07	0.08		
5	0.11	0.11	0.10	0.07	0.18	0.27	0.28	0.26	0.19	0.06	0.08	0.07		
6	0.19	0.09	0.11	0.06	0.20	0.26	0.28	0.19	0.20	0.05	0.08	0.06		
7	0.10	0.09	0.11	0.08	0.20	0.28	0.26	0.27	0.22	0.05	0.06	0.10		
8	-0.01	0.09	0.11	0.08	0.19	0.28	0.28	0.27	0.23	0.06	0.09	0.11		
9	0.01	0.09	0.12	0.09	0.18	0.26	0.26	0.27	0.25	0.07	0.08	0.04		
10	0.05	0.07	0.12	0.08	0.19	0.23	0.31	0.25	0.18	0.06	0.10	0.00		
11	0.06	0.07	0.13	0.09	0.20	0.26	0.29	0.26	0.19	0.05	0.04	-0.02		
12	0.06	-0.03	0.12	0.08	0.20	0.25	0.28	0.23	0.18	0.05	-0.07	0.05		
13	0.06	-0.14	0.12	0.09	0.19	0.26	0.29	0.27	0.20	0.06	0.06	0.04		
14	0.06	0.06	0.14	0.09	0.22	0.26	0.28	0.20	0.20	0.06	0.06	0.07		
15	0.08	0.08	0.07	0.08	0.22	0.27	0.24	0.22	0.21	0.08	0.06	0.10		
16	0.08	0.08	0.07	0.07	0.23	0.27	0.29	0.19	0.23	0.07	0.07	0.08		
17	0.09	0.07	0.10	0.09	0.27	0.26	0.27	0.23	0.23	0.08	0.06	0.08		
18	0.09	0.08	0.18	0.07	0.26	0.28	0.23	0.28	0.21	0.08	0.08	0.07		
19	0.07	0.10	0.20	0.08	0.24	0.28	0.25	0.23	0.17	0.09	0.08	0.07		
20	0.06	0.13	0.13	0.08	0.23	0.30	0.26	0.19	0.18	0.08	0.07	0.06		
21	0.06	0.13	0.17	0.11	0.26	0.29	0.30	0.22	0.18	0.08	0.12	0.08		
22	0.06	0.10	0.13	0.11	0.28	0.28	0.29	0.17	0.19	0.09	0.17	0.07		
23	0.05	0.08	0.16	0.10	0.26	0.31	0.24	0.21	0.14	0.08	0.11	0.06		
24	0.09	0.11	0.14	0.11	0.29	0.25	0.20	0.22	0.10	0.10	0.07	0.05		
25	0.12	-0.07	0.15	0.13	0.28	0.24	0.20	0.23	0.15	0.17	0.07	0.10		
26	0.10	0.04	0.17	0.12	0.26	0.26	0.15	0.18	0.17	0.12	0.07	0.09		
27	0.09	0.09	0.22	0.15	0.26	0.27	0.25	0.16	0.17	0.09	0.11	0.09		
28	0.07	0.07	0.20	0.15	0.28	0.29	0.15	0.21	0.18	0.09	0.09	0.06		
29	0.09		0.16	0.16	0.31	0.31	0.24	0.23	0.17	0.12	0.08	0.04		
30	0.09		0.15	0.15	0.27	0.31	0.22	0.22	0.18	0.14	0.07	0.05		
31	0.11		0.00		0.27		0.21	0.22		0.10		0.06		

(Daily Kc values)		Sheet P: Page 2 of 2			2003	CROP ET						
Bermuda w/ rye												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.893	0.878	0.826	0.372	0.636	0.851	0.851	0.849	0.823	0.799	0.760	0.893
2	0.893	0.876	0.824	0.372	0.660	0.851	0.851	0.848	0.823	0.798	0.782	0.893
3	0.893	0.874	0.822	0.372	0.684	0.851	0.851	0.847	0.822	0.000	0.804	0.893
4	0.893	0.872	0.821	0.372	0.708	0.851	0.851	0.847	0.821	0.341	0.826	0.893
5	0.893	0.870	0.819	0.372	0.732	0.851	0.851	0.846	0.820	0.341	0.848	0.893
6	0.893	0.869	0.817	0.372	0.756	0.851	0.851	0.845	0.819	0.341	0.871	0.893
7	0.893	0.867	0.815	0.372	0.780	0.851	0.851	0.844	0.819	0.341	0.893	0.893
8	0.893	0.865	0.813	0.372	0.804	0.851	0.851	0.843	0.818	0.341	0.893	0.893
9	0.893	0.863	0.811	0.372	0.828	0.851	0.851	0.842	0.817	0.341	0.893	0.893
10	0.893	0.861	0.810	0.372	0.851	0.851	0.851	0.842	0.816	0.341	0.893	0.893
11	0.893	0.859	0.808	0.372	0.851	0.851	0.851	0.841	0.815	0.341	0.893	0.893
12	0.893	0.858	0.806	0.372	0.851	0.851	0.851	0.840	0.814	0.341	0.893	0.893
13	0.893	0.856	0.804	0.372	0.851	0.851	0.851	0.839	0.814	0.341	0.893	0.893
14	0.893	0.854	0.802	0.372	0.851	0.851	0.851	0.838	0.813	0.363	0.893	0.893
15	0.893	0.852	0.800	0.372	0.851	0.851	0.851	0.837	0.812	0.385	0.893	0.893
16	0.893	0.850	0.798	0.372	0.851	0.851	0.851	0.837	0.811	0.407	0.893	0.893
17	0.893	0.848	0.797	0.372	0.851	0.851	0.851	0.836	0.810	0.429	0.893	0.893
18	0.893	0.846	0.795	0.372	0.851	0.851	0.851	0.835	0.809	0.451	0.893	0.893
19	0.893	0.845	0.793	0.372	0.851	0.851	0.851	0.834	0.809	0.473	0.893	0.893
20	0.893	0.843	0.791	0.372	0.851	0.851	0.851	0.833	0.808	0.495	0.893	0.893
21	0.893	0.841	0.789	0.396	0.851	0.851	0.851	0.833	0.807	0.517	0.893	0.893
22	0.893	0.839	0.787	0.420	0.851	0.851	0.851	0.832	0.806	0.539	0.893	0.893
23	0.893	0.837	0.786	0.444	0.851	0.851	0.851	0.831	0.805	0.561	0.893	0.893
24	0.893	0.835	0.784	0.468	0.851	0.851	0.851	0.830	0.805	0.583	0.893	0.893
25	0.891	0.834	0.782	0.492	0.851	0.851	0.851	0.829	0.804	0.606	0.893	0.893
26	0.889	0.832	0.780	0.516	0.851	0.851	0.851	0.828	0.803	0.628	0.893	0.893
27	0.887	0.830	0.778	0.540	0.851	0.851	0.851	0.828	0.802	0.650	0.893	0.893
28	0.885	0.828	0.776	0.564	0.851	0.851	0.851	0.827	0.801	0.672	0.893	0.893
29	0.883		0.774	0.588	0.851	0.851	0.851	0.826	0.800	0.694	0.893	0.893
30	0.882		0.773	0.612	0.851	0.851	0.851	0.825	0.800	0.716	0.893	0.893
31	0.880		0.000		0.851		0.850	0.824		0.738		0.893

ET calculations for			Sheet Q: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Citrus-9a young, 1 to 2 meter size)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87		25.04
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.04	0.05	0.04	0.10	0.08	0.11	0.12	0.08	0.09	0.08	0.04	0.03		
2	0.04	0.07	0.05	0.09	0.09	0.11	0.12	0.09	0.09	0.08	0.04	0.04		
3	0.04	0.04	0.03	0.07	0.09	0.11	0.11	0.10	0.10	0.07	0.05	0.03		
4	0.04	0.04	0.05	0.08	0.08	0.11	0.11	0.10	0.09	0.06	0.04	0.03		
5	0.05	0.05	0.05	0.07	0.09	0.11	0.11	0.11	0.08	0.06	0.04	0.03		
6	0.09	0.04	0.05	0.06	0.09	0.11	0.11	0.08	0.08	0.05	0.04	0.03		
7	0.05	0.04	0.05	0.08	0.09	0.11	0.11	0.11	0.09	0.06	0.03	0.05		
8	-0.04	0.04	0.05	0.08	0.09	0.11	0.11	0.11	0.10	0.07	0.04	0.05		
9	-0.01	0.04	0.06	0.09	0.08	0.11	0.10	0.11	0.10	0.07	0.04	0.01		
10	0.03	0.03	0.06	0.08	0.08	0.09	0.12	0.10	0.08	0.07	0.04	-0.03		
11	0.03	0.03	0.06	0.09	0.08	0.10	0.12	0.11	0.08	0.06	0.01	-0.06		
12	0.03	-0.05	0.06	0.08	0.08	0.10	0.11	0.09	0.08	0.06	-0.08	0.02		
13	0.03	-0.16	0.06	0.09	0.08	0.10	0.12	0.11	0.08	0.07	0.02	0.02		
14	0.03	0.03	0.07	0.08	0.09	0.11	0.11	0.08	0.08	0.06	0.03	0.03		
15	0.04	0.04	0.02	0.08	0.09	0.11	0.10	0.09	0.09	0.07	0.03	0.05		
16	0.04	0.04	0.01	0.07	0.10	0.11	0.12	0.08	0.10	0.06	0.03	0.03		
17	0.04	0.03	0.05	0.09	0.11	0.10	0.11	0.09	0.10	0.07	0.03	0.04		
18	0.04	0.04	0.09	0.07	0.11	0.11	0.09	0.11	0.09	0.07	0.04	0.03		
19	0.03	0.05	0.10	0.08	0.10	0.11	0.10	0.09	0.07	0.07	0.04	0.03		
20	0.03	0.06	0.07	0.08	0.09	0.12	0.11	0.08	0.08	0.06	0.03	0.03		
21	0.03	0.06	0.08	0.10	0.10	0.12	0.12	0.09	0.08	0.06	0.05	0.04		
22	0.03	0.05	0.06	0.09	0.12	0.11	0.12	0.07	0.08	0.06	0.08	0.03		
23	0.02	0.04	0.08	0.08	0.11	0.12	0.10	0.09	0.06	0.06	0.05	0.03		
24	0.04	0.05	0.07	0.09	0.12	0.10	0.08	0.09	0.05	0.07	0.03	0.03		
25	0.05	-0.09	0.07	0.09	0.11	0.10	0.08	0.10	0.07	0.11	0.03	0.05		
26	0.05	0.00	0.08	0.09	0.10	0.11	0.06	0.08	0.08	0.07	0.02	0.04		
27	0.04	0.04	0.11	0.10	0.10	0.11	0.10	0.06	0.08	0.05	0.05	0.04		
28	0.03	0.04	0.10	0.10	0.11	0.12	0.06	0.09	0.08	0.05	0.04	0.03		
29	0.04		0.08	0.10	0.12	0.12	0.10	0.10	0.08	0.07	0.03	0.02		
30	0.04		0.07	0.09	0.11	0.12	0.09	0.09	0.08	0.08	0.03	0.03		
31	0.05		0.08		0.11		0.09	0.09		0.05		0.03		

(Daily Kc values)		Sheet Q: Page 2 of 2			2003	CROP ET						
Citrus-young												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.425	0.409	0.393	0.376	0.360	0.342	0.342	0.342	0.342	0.362	0.388	0.413
2	0.425	0.408	0.393	0.376	0.359	0.342	0.342	0.342	0.342	0.363	0.389	0.414
3	0.424	0.407	0.392	0.375	0.359	0.342	0.342	0.342	0.342	0.364	0.390	0.415
4	0.424	0.407	0.392	0.375	0.358	0.342	0.342	0.342	0.342	0.365	0.391	0.416
5	0.423	0.406	0.391	0.374	0.358	0.342	0.342	0.342	0.342	0.366	0.392	0.417
6	0.423	0.406	0.391	0.374	0.357	0.342	0.342	0.342	0.342	0.366	0.392	0.418
7	0.422	0.405	0.390	0.373	0.357	0.342	0.342	0.342	0.342	0.367	0.393	0.418
8	0.422	0.405	0.389	0.373	0.356	0.342	0.342	0.342	0.343	0.368	0.394	0.419
9	0.421	0.404	0.389	0.372	0.356	0.342	0.342	0.342	0.344	0.369	0.395	0.420
10	0.421	0.404	0.388	0.371	0.355	0.342	0.342	0.342	0.345	0.370	0.396	0.421
11	0.420	0.403	0.388	0.371	0.355	0.342	0.342	0.342	0.345	0.371	0.397	0.422
12	0.419	0.403	0.387	0.370	0.354	0.342	0.342	0.342	0.346	0.371	0.397	0.423
13	0.419	0.402	0.387	0.370	0.353	0.342	0.342	0.342	0.347	0.372	0.398	0.423
14	0.418	0.401	0.386	0.369	0.353	0.342	0.342	0.342	0.348	0.373	0.399	0.424
15	0.418	0.401	0.386	0.369	0.352	0.342	0.342	0.342	0.349	0.374	0.400	0.425
16	0.417	0.400	0.385	0.368	0.352	0.342	0.342	0.342	0.350	0.375	0.401	0.426
17	0.417	0.400	0.385	0.368	0.351	0.342	0.342	0.342	0.350	0.376	0.402	0.427
18	0.416	0.399	0.384	0.367	0.351	0.342	0.342	0.342	0.351	0.376	0.402	0.428
19	0.416	0.399	0.383	0.367	0.350	0.342	0.342	0.342	0.352	0.377	0.403	0.429
20	0.415	0.398	0.383	0.366	0.350	0.342	0.342	0.342	0.353	0.378	0.404	0.429
21	0.415	0.398	0.382	0.365	0.349	0.342	0.342	0.342	0.354	0.379	0.405	0.430
22	0.414	0.397	0.382	0.365	0.349	0.342	0.342	0.342	0.355	0.380	0.406	0.431
23	0.413	0.397	0.381	0.364	0.348	0.342	0.342	0.342	0.355	0.381	0.407	0.432
24	0.413	0.396	0.381	0.364	0.347	0.342	0.342	0.342	0.356	0.381	0.408	0.433
25	0.412	0.395	0.380	0.363	0.347	0.342	0.342	0.342	0.357	0.382	0.408	0.434
26	0.412	0.395	0.380	0.363	0.346	0.342	0.342	0.342	0.358	0.383	0.409	0.434
27	0.411	0.394	0.379	0.362	0.346	0.342	0.342	0.342	0.359	0.384	0.410	0.435
28	0.411	0.394	0.379	0.362	0.345	0.342	0.342	0.342	0.360	0.385	0.411	0.436
29	0.410		0.378	0.361	0.345	0.342	0.342	0.342	0.360	0.386	0.412	0.437
30	0.410		0.377	0.361	0.344	0.342	0.342	0.342	0.361	0.387	0.413	0.438
31	0.409		0.377		0.342		0.342	0.342		0.387		0.439

ET calculations for			Sheet R: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Citrus-9b mature, 3+ meter size)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59		42.34
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.07	0.09	0.07	0.17	0.14	0.18	0.21	0.13	0.15	0.13	0.06	0.05		
2	0.06	0.12	0.08	0.16	0.14	0.18	0.19	0.15	0.15	0.14	0.06	0.06		
3	0.06	0.07	0.05	0.12	0.15	0.19	0.19	0.17	0.16	0.11	0.09	0.06		
4	0.06	0.06	0.08	0.13	0.14	0.18	0.18	0.17	0.15	0.10	0.06	0.06		
5	0.08	0.09	0.08	0.12	0.14	0.18	0.19	0.18	0.13	0.10	0.06	0.06		
6	0.15	0.07	0.08	0.11	0.15	0.18	0.19	0.13	0.14	0.09	0.06	0.05		
7	0.08	0.07	0.08	0.13	0.15	0.19	0.18	0.18	0.15	0.10	0.05	0.08		
8	-0.03	0.07	0.09	0.14	0.14	0.19	0.19	0.18	0.16	0.11	0.07	0.09		
9	0.00	0.07	0.10	0.15	0.13	0.18	0.17	0.18	0.17	0.12	0.06	0.03		
10	0.04	0.05	0.10	0.14	0.13	0.15	0.21	0.17	0.13	0.11	0.07	-0.01		
11	0.05	0.06	0.10	0.14	0.14	0.17	0.19	0.18	0.13	0.10	0.03	-0.04		
12	0.05	-0.04	0.10	0.13	0.14	0.17	0.19	0.15	0.13	0.10	-0.07	0.04		
13	0.05	-0.15	0.10	0.14	0.13	0.17	0.19	0.18	0.14	0.11	0.04	0.04		
14	0.05	0.05	0.12	0.14	0.15	0.18	0.19	0.14	0.14	0.11	0.05	0.06		
15	0.06	0.06	0.05	0.14	0.15	0.18	0.16	0.15	0.15	0.12	0.05	0.08		
16	0.06	0.06	0.05	0.12	0.16	0.18	0.19	0.13	0.16	0.11	0.05	0.06		
17	0.07	0.05	0.08	0.15	0.19	0.17	0.18	0.15	0.16	0.11	0.05	0.06		
18	0.07	0.07	0.15	0.12	0.18	0.19	0.15	0.19	0.15	0.11	0.06	0.06		
19	0.06	0.08	0.16	0.13	0.16	0.19	0.17	0.15	0.12	0.11	0.06	0.06		
20	0.05	0.10	0.11	0.13	0.16	0.20	0.18	0.13	0.13	0.11	0.05	0.05		
21	0.05	0.10	0.14	0.16	0.17	0.19	0.20	0.15	0.13	0.09	0.09	0.06		
22	0.05	0.08	0.11	0.15	0.19	0.19	0.19	0.12	0.14	0.11	0.13	0.06		
23	0.04	0.07	0.13	0.13	0.18	0.21	0.16	0.14	0.11	0.10	0.08	0.05		
24	0.07	0.09	0.11	0.15	0.20	0.17	0.14	0.15	0.08	0.11	0.05	0.04		
25	0.09	-0.08	0.12	0.16	0.19	0.16	0.14	0.16	0.11	0.18	0.05	0.08		
26	0.08	0.03	0.14	0.15	0.17	0.18	0.10	0.13	0.13	0.12	0.05	0.07		
27	0.07	0.07	0.18	0.17	0.17	0.18	0.17	0.11	0.13	0.09	0.08	0.07		
28	0.05	0.06	0.16	0.16	0.19	0.19	0.10	0.14	0.13	0.09	0.06	0.05		
29	0.07		0.13	0.17	0.21	0.21	0.16	0.16	0.13	0.12	0.06	0.04		
30	0.07		0.12	0.14	0.18	0.21	0.15	0.15	0.13	0.13	0.05	0.04		
31	0.08		0.13		0.18		0.14	0.15		0.09		0.05		

(Daily Kc values)		Sheet R: Page 2 of 2			2003	CROP ET						
Citrus-mature												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.709	0.681	0.655	0.627	0.600	0.570	0.570	0.570	0.570	0.604	0.647	0.689
2	0.708	0.680	0.655	0.626	0.599	0.570	0.570	0.570	0.570	0.605	0.648	0.690
3	0.707	0.679	0.654	0.625	0.598	0.570	0.570	0.570	0.570	0.606	0.650	0.692
4	0.706	0.678	0.653	0.625	0.597	0.570	0.570	0.570	0.570	0.608	0.651	0.693
5	0.705	0.677	0.652	0.624	0.596	0.570	0.570	0.570	0.570	0.609	0.653	0.695
6	0.705	0.676	0.651	0.623	0.595	0.570	0.570	0.570	0.570	0.611	0.654	0.696
7	0.704	0.675	0.650	0.622	0.595	0.570	0.570	0.570	0.570	0.612	0.655	0.697
8	0.703	0.675	0.649	0.621	0.594	0.570	0.570	0.570	0.571	0.613	0.657	0.699
9	0.702	0.674	0.648	0.620	0.593	0.570	0.570	0.570	0.573	0.615	0.658	0.700
10	0.701	0.673	0.647	0.619	0.592	0.570	0.570	0.570	0.574	0.616	0.660	0.702
11	0.700	0.672	0.646	0.618	0.591	0.570	0.570	0.570	0.576	0.618	0.661	0.703
12	0.699	0.671	0.645	0.617	0.590	0.570	0.570	0.570	0.577	0.619	0.662	0.704
13	0.698	0.670	0.645	0.616	0.589	0.570	0.570	0.570	0.578	0.620	0.664	0.706
14	0.697	0.669	0.644	0.615	0.588	0.570	0.570	0.570	0.580	0.622	0.665	0.707
15	0.696	0.668	0.643	0.615	0.587	0.570	0.570	0.570	0.581	0.623	0.667	0.709
16	0.695	0.667	0.642	0.614	0.586	0.570	0.570	0.570	0.583	0.625	0.668	0.710
17	0.695	0.666	0.641	0.613	0.585	0.570	0.570	0.570	0.584	0.626	0.669	0.711
18	0.694	0.665	0.640	0.612	0.585	0.570	0.570	0.570	0.585	0.627	0.671	0.713
19	0.693	0.665	0.639	0.611	0.584	0.570	0.570	0.570	0.587	0.629	0.672	0.714
20	0.692	0.664	0.638	0.610	0.583	0.570	0.570	0.570	0.588	0.630	0.674	0.716
21	0.691	0.663	0.637	0.609	0.582	0.570	0.570	0.570	0.590	0.632	0.675	0.717
22	0.690	0.662	0.636	0.608	0.581	0.570	0.570	0.570	0.591	0.633	0.676	0.718
23	0.689	0.661	0.635	0.607	0.580	0.570	0.570	0.570	0.592	0.634	0.678	0.720
24	0.688	0.660	0.635	0.606	0.579	0.570	0.570	0.570	0.594	0.636	0.679	0.721
25	0.687	0.659	0.634	0.605	0.578	0.570	0.570	0.570	0.595	0.637	0.681	0.723
26	0.686	0.658	0.633	0.605	0.577	0.570	0.570	0.570	0.597	0.639	0.682	0.724
27	0.685	0.657	0.632	0.604	0.576	0.570	0.570	0.570	0.598	0.640	0.683	0.725
28	0.685	0.656	0.631	0.603	0.575	0.570	0.570	0.570	0.599	0.641	0.685	0.727
29	0.684		0.630	0.602	0.575	0.570	0.570	0.570	0.601	0.643	0.686	0.728
30	0.683		0.629	0.601	0.574	0.570	0.570	0.570	0.602	0.644	0.688	0.730
31	0.682		0.628		0.570		0.570	0.570		0.646		0.731

ET calculations for			Sheet S: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Citrus-9c declining)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05		29.37
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.05	0.06	0.05	0.12	0.10	0.12	0.14	0.09	0.10	0.09	0.05	0.03		
2	0.04	0.09	0.05	0.11	0.10	0.12	0.14	0.10	0.11	0.10	0.05	0.04		
3	0.04	0.05	0.04	0.08	0.10	0.13	0.13	0.12	0.11	0.08	0.06	0.04		
4	0.04	0.04	0.05	0.09	0.10	0.13	0.13	0.12	0.10	0.07	0.04	0.04		
5	0.06	0.06	0.05	0.09	0.10	0.13	0.13	0.12	0.09	0.07	0.04	0.04		
6	0.10	0.05	0.06	0.07	0.11	0.12	0.13	0.09	0.10	0.06	0.04	0.03		
7	0.06	0.05	0.06	0.09	0.11	0.13	0.12	0.13	0.11	0.07	0.03	0.05		
8	-0.04	0.05	0.06	0.10	0.10	0.13	0.13	0.13	0.11	0.08	0.05	0.06		
9	-0.01	0.05	0.07	0.10	0.09	0.12	0.12	0.13	0.12	0.09	0.04	0.01		
10	0.03	0.04	0.07	0.10	0.09	0.11	0.14	0.12	0.09	0.08	0.05	-0.03		
11	0.03	0.04	0.07	0.10	0.10	0.12	0.14	0.12	0.09	0.07	0.01	-0.06		
12	0.03	-0.05	0.07	0.09	0.10	0.12	0.13	0.11	0.09	0.07	-0.07	0.03		
13	0.03	-0.15	0.07	0.10	0.09	0.12	0.14	0.13	0.10	0.08	0.03	0.02		
14	0.03	0.03	0.08	0.10	0.11	0.12	0.13	0.10	0.10	0.07	0.03	0.04		
15	0.04	0.04	0.03	0.09	0.11	0.13	0.11	0.10	0.11	0.09	0.03	0.05		
16	0.04	0.04	0.02	0.08	0.11	0.13	0.14	0.09	0.11	0.07	0.04	0.04		
17	0.05	0.04	0.06	0.10	0.13	0.12	0.13	0.11	0.11	0.08	0.03	0.04		
18	0.05	0.05	0.10	0.09	0.13	0.13	0.11	0.13	0.11	0.08	0.04	0.04		
19	0.04	0.06	0.11	0.09	0.11	0.13	0.12	0.11	0.09	0.08	0.04	0.04		
20	0.03	0.07	0.08	0.09	0.11	0.14	0.12	0.09	0.09	0.07	0.04	0.04		
21	0.03	0.07	0.10	0.12	0.12	0.14	0.14	0.10	0.09	0.07	0.06	0.05		
22	0.03	0.06	0.08	0.11	0.13	0.13	0.14	0.08	0.10	0.08	0.09	0.04		
23	0.03	0.05	0.09	0.09	0.13	0.14	0.11	0.10	0.07	0.07	0.06	0.04		
24	0.05	0.06	0.08	0.10	0.14	0.12	0.10	0.11	0.05	0.08	0.04	0.03		
25	0.06	-0.08	0.08	0.11	0.13	0.11	0.10	0.11	0.08	0.12	0.04	0.06		
26	0.05	0.01	0.10	0.10	0.12	0.12	0.07	0.09	0.09	0.08	0.03	0.05		
27	0.05	0.05	0.12	0.12	0.12	0.13	0.12	0.08	0.09	0.06	0.06	0.05		
28	0.04	0.04	0.11	0.11	0.13	0.14	0.07	0.10	0.09	0.06	0.04	0.04		
29	0.05		0.09	0.12	0.14	0.14	0.11	0.11	0.09	0.08	0.04	0.03		
30	0.05		0.08	0.10	0.13	0.14	0.10	0.11	0.09	0.09	0.03	0.03		
31	0.06		0.09		0.13		0.10	0.11		0.06		0.04		

(Daily Kc values)		Sheet S: Page 2 of 2			2003	CROP ET						
Citrus-declining												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.496	0.477	0.459	0.439	0.420	0.399	0.399	0.399	0.399	0.423	0.453	0.482
2	0.496	0.476	0.458	0.438	0.419	0.399	0.399	0.399	0.399	0.424	0.454	0.483
3	0.495	0.475	0.458	0.438	0.419	0.399	0.399	0.399	0.399	0.424	0.455	0.484
4	0.494	0.475	0.457	0.437	0.418	0.399	0.399	0.399	0.399	0.425	0.456	0.485
5	0.494	0.474	0.456	0.437	0.417	0.399	0.399	0.399	0.399	0.426	0.457	0.486
6	0.493	0.473	0.456	0.436	0.417	0.399	0.399	0.399	0.399	0.427	0.458	0.487
7	0.493	0.473	0.455	0.435	0.416	0.399	0.399	0.399	0.399	0.428	0.459	0.488
8	0.492	0.472	0.454	0.435	0.416	0.399	0.399	0.399	0.400	0.429	0.460	0.489
9	0.491	0.472	0.454	0.434	0.415	0.399	0.399	0.399	0.401	0.430	0.461	0.490
10	0.491	0.471	0.453	0.433	0.414	0.399	0.399	0.399	0.402	0.431	0.462	0.491
11	0.490	0.470	0.452	0.433	0.414	0.399	0.399	0.399	0.403	0.432	0.463	0.492
12	0.489	0.470	0.452	0.432	0.413	0.399	0.399	0.399	0.404	0.433	0.464	0.493
13	0.489	0.469	0.451	0.431	0.412	0.399	0.399	0.399	0.405	0.434	0.465	0.494
14	0.488	0.468	0.451	0.431	0.412	0.399	0.399	0.399	0.406	0.435	0.466	0.495
15	0.487	0.468	0.450	0.430	0.411	0.399	0.399	0.399	0.407	0.436	0.467	0.496
16	0.487	0.467	0.449	0.430	0.410	0.399	0.399	0.399	0.408	0.437	0.468	0.497
17	0.486	0.466	0.449	0.429	0.410	0.399	0.399	0.399	0.409	0.438	0.469	0.498
18	0.486	0.466	0.448	0.428	0.409	0.399	0.399	0.399	0.410	0.439	0.470	0.499
19	0.485	0.465	0.447	0.428	0.409	0.399	0.399	0.399	0.411	0.440	0.471	0.500
20	0.484	0.465	0.447	0.427	0.408	0.399	0.399	0.399	0.412	0.441	0.472	0.501
21	0.484	0.464	0.446	0.426	0.407	0.399	0.399	0.399	0.413	0.442	0.473	0.502
22	0.483	0.463	0.445	0.426	0.407	0.399	0.399	0.399	0.414	0.443	0.473	0.503
23	0.482	0.463	0.445	0.425	0.406	0.399	0.399	0.399	0.415	0.444	0.474	0.504
24	0.482	0.462	0.444	0.424	0.405	0.399	0.399	0.399	0.416	0.445	0.475	0.505
25	0.481	0.461	0.444	0.424	0.405	0.399	0.399	0.399	0.417	0.446	0.476	0.506
26	0.480	0.461	0.443	0.423	0.404	0.399	0.399	0.399	0.418	0.447	0.477	0.507
27	0.480	0.460	0.442	0.423	0.403	0.399	0.399	0.399	0.419	0.448	0.478	0.508
28	0.479	0.459	0.442	0.422	0.403	0.399	0.399	0.399	0.420	0.449	0.479	0.509
29	0.479		0.441	0.421	0.402	0.399	0.399	0.399	0.421	0.450	0.480	0.510
30	0.478		0.440	0.421	0.402	0.399	0.399	0.399	0.422	0.451	0.481	0.511
31	0.477		0.440		0.399		0.399	0.399		0.452		0.512

ET calculations for			Sheet T: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Tomatoes)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00		27.44
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.00	0.08	0.06	0.30	0.27	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
2	0.00	0.11	0.07	0.28	0.28	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
3	0.00	0.07	0.05	0.22	0.30	0.30	0.00	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.06	0.08	0.24	0.27	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.08	0.08	0.23	0.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
6	0.00	0.06	0.09	0.20	0.31	0.27	0.00	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.06	0.09	0.25	0.31	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
8	0.00	0.06	0.10	0.26	0.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.06	0.11	0.28	0.26	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.05	0.11	0.26	0.26	0.22	0.00	0.00	0.00	0.00	0.00	0.00		
11	0.00	0.05	0.12	0.27	0.27	0.24	0.00	0.00	0.00	0.00	0.00	0.00		
12	0.00	-0.04	0.12	0.25	0.28	0.22	0.00	0.00	0.00	0.00	0.00	0.00		
13	0.00	-0.15	0.12	0.27	0.26	0.23	0.00	0.00	0.00	0.00	0.00	0.00		
14	0.00	0.04	0.15	0.27	0.31	0.23	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.06	0.08	0.26	0.31	0.23	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.06	0.07	0.22	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
17	0.00	0.05	0.11	0.28	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.06	0.20	0.24	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.07	0.22	0.25	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.09	0.15	0.26	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.09	0.20	0.32	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.07	0.16	0.30	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.06	0.19	0.26	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.08	0.17	0.28	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	-0.08	0.19	0.31	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
26	0.00	0.02	0.22	0.28	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
27	0.00	0.07	0.29	0.33	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.06	0.27	0.32	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.22	0.33	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.20	0.28	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.22		0.31		0.00	0.00		0.00		0.00		

(Daily Kc values)		Sheet T: Page 2 of 2			2003	CROP ET						
Tomatoes												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.617	0.617	1.100	1.181	0.939	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.617	0.617	1.116	1.181	0.924	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.617	0.633	1.132	1.181	0.909	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.617	0.649	1.148	1.181	0.894	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.617	0.666	1.164	1.181	0.879	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.617	0.682	1.181	1.181	0.864	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.617	0.698	1.181	1.181	0.849	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.617	0.714	1.181	1.181	0.834	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.617	0.730	1.181	1.181	0.819	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.617	0.746	1.181	1.181	0.804	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.617	0.762	1.181	1.181	0.788	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.617	0.778	1.181	1.181	0.773	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.617	0.794	1.181	1.181	0.758	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.617	0.810	1.181	1.181	0.743	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.617	0.826	1.181	1.181	0.728	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.617	0.843	1.181	1.181	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.617	0.859	1.181	1.165	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.617	0.875	1.181	1.150	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.617	0.891	1.181	1.135	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.617	0.907	1.181	1.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.617	0.923	1.181	1.105	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.617	0.939	1.181	1.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.617	0.955	1.181	1.075	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.617	0.971	1.181	1.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.617	0.987	1.181	1.045	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.617	1.004	1.181	1.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.617	1.020	1.181	1.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.617	1.036	1.181	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000		1.052	1.181	0.985	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000		1.068	1.181	0.969	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000		1.084		0.954		0.000	0.000		0.000		0.000

ET calculations for			Sheet U: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Sudan Grass)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00		42.20
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.05	0.20	0.26	0.35	0.41	0.23	0.00	0.00	0.00	0.00		
2	0.00	0.00	0.06	0.19	0.27	0.35	0.39	0.27	0.00	0.00	0.00	0.00		
3	0.00	0.00	0.04	0.15	0.29	0.38	0.38	0.31	0.00	0.00	0.00	0.00		
4	0.00	0.00	0.06	0.17	0.26	0.36	0.36	0.31	0.00	0.00	0.00	0.00		
5	0.00	0.00	0.06	0.16	0.27	0.36	0.38	0.32	0.00	0.00	0.00	0.00		
6	0.00	0.00	0.06	0.14	0.30	0.35	0.38	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.00	0.06	0.18	0.30	0.38	0.35	0.00	0.00	0.00	0.00	0.00		
8	0.00	0.00	0.06	0.20	0.27	0.38	0.37	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.00	0.07	0.22	0.25	0.35	0.34	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.00	0.07	0.21	0.25	0.31	0.41	0.00	0.00	0.00	0.00	0.00		
11	0.00	0.00	0.07	0.22	0.26	0.34	0.38	0.00	0.00	0.00	0.00	0.00		
12	0.00	0.00	0.07	0.21	0.27	0.33	0.37	0.00	0.00	0.00	0.00	0.00		
13	0.00	0.00	0.07	0.23	0.25	0.34	0.38	0.00	0.00	0.00	0.00	0.00		
14	0.00	0.00	0.08	0.24	0.30	0.35	0.37	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.00	0.03	0.23	0.30	0.36	0.31	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.00	0.02	0.20	0.31	0.36	0.38	0.00	0.00	0.00	0.00	0.00		
17	0.00	0.00	0.06	0.26	0.36	0.34	0.35	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.00	0.11	0.22	0.35	0.38	0.30	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.00	0.11	0.24	0.32	0.38	0.32	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.00	0.08	0.25	0.31	0.40	0.34	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.00	0.11	0.31	0.34	0.39	0.38	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.00	0.09	0.29	0.38	0.38	0.37	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.00	0.11	0.25	0.35	0.41	0.30	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.00	0.10	0.27	0.39	0.33	0.26	0.00	0.00	0.00	0.00	0.00		
25	0.00	0.00	0.11	0.30	0.38	0.32	0.26	0.00	0.00	0.00	0.00	0.00		
26	0.00	0.00	0.13	0.27	0.34	0.35	0.19	0.00	0.00	0.00	0.00	0.00		
27	0.00	0.00	0.17	0.32	0.34	0.36	0.31	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.00	0.17	0.31	0.38	0.39	0.19	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.14	0.32	0.41	0.41	0.30	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.13	0.27	0.36	0.41	0.28	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.14		0.36		0.26	0.00		0.00		0.00		

(Daily Kc values)		Sheet U: Page 2 of 2			2003	CROP ET								
Sudan														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.000	0.000	0.459	0.731	1.140	1.140	1.140	1.051	0.000	0.000	0.000	0.000		
2	0.000	0.000	0.459	0.754	1.140	1.140	1.140	1.048	0.000	0.000	0.000	0.000		
3	0.000	0.000	0.459	0.777	1.140	1.140	1.140	1.044	0.000	0.000	0.000	0.000		
4	0.000	0.000	0.459	0.799	1.140	1.140	1.140	1.041	0.000	0.000	0.000	0.000		
5	0.000	0.000	0.459	0.822	1.140	1.140	1.140	1.038	0.000	0.000	0.000	0.000		
6	0.000	0.000	0.459	0.845	1.140	1.140	1.140	0.000	0.000	0.000	0.000	0.000		
7	0.000	0.000	0.459	0.868	1.140	1.140	1.137	0.000	0.000	0.000	0.000	0.000		
8	0.000	0.000	0.459	0.890	1.140	1.140	1.133	0.000	0.000	0.000	0.000	0.000		
9	0.000	0.000	0.459	0.913	1.140	1.140	1.130	0.000	0.000	0.000	0.000	0.000		
10	0.000	0.000	0.459	0.936	1.140	1.140	1.127	0.000	0.000	0.000	0.000	0.000		
11	0.000	0.000	0.459	0.958	1.140	1.140	1.123	0.000	0.000	0.000	0.000	0.000		
12	0.000	0.000	0.459	0.981	1.140	1.140	1.120	0.000	0.000	0.000	0.000	0.000		
13	0.000	0.000	0.459	1.004	1.140	1.140	1.116	0.000	0.000	0.000	0.000	0.000		
14	0.000	0.000	0.459	1.027	1.140	1.140	1.113	0.000	0.000	0.000	0.000	0.000		
15	0.000	0.000	0.459	1.049	1.140	1.140	1.109	0.000	0.000	0.000	0.000	0.000		
16	0.000	0.000	0.459	1.072	1.140	1.140	1.106	0.000	0.000	0.000	0.000	0.000		
17	0.000	0.000	0.459	1.095	1.140	1.140	1.103	0.000	0.000	0.000	0.000	0.000		
18	0.000	0.000	0.459	1.118	1.140	1.140	1.099	0.000	0.000	0.000	0.000	0.000		
19	0.000	0.000	0.459	1.140	1.140	1.140	1.096	0.000	0.000	0.000	0.000	0.000		
20	0.000	0.000	0.459	1.140	1.140	1.140	1.092	0.000	0.000	0.000	0.000	0.000		
21	0.000	0.000	0.481	1.140	1.140	1.140	1.089	0.000	0.000	0.000	0.000	0.000		
22	0.000	0.000	0.504	1.140	1.140	1.140	1.086	0.000	0.000	0.000	0.000	0.000		
23	0.000	0.000	0.527	1.140	1.140	1.140	1.082	0.000	0.000	0.000	0.000	0.000		
24	0.000	0.000	0.549	1.140	1.140	1.140	1.079	0.000	0.000	0.000	0.000	0.000		
25	0.000	0.000	0.572	1.140	1.140	1.140	1.075	0.000	0.000	0.000	0.000	0.000		
26	0.000	0.000	0.595	1.140	1.140	1.140	1.072	0.000	0.000	0.000	0.000	0.000		
27	0.000	0.000	0.618	1.140	1.140	1.140	1.068	0.000	0.000	0.000	0.000	0.000		
28	0.000	0.000	0.640	1.140	1.140	1.140	1.065	0.000	0.000	0.000	0.000	0.000		
29	0.000		0.663	1.140	1.140	1.140	1.062	0.000	0.000	0.000	0.000	0.000		
30	0.000		0.686	1.140	1.140	1.140	1.058	0.000	0.000	0.000	0.000	0.000		
31	0.000		0.708		1.140		1.055	0.000		0.000		0.000		

ET calculations for			Sheet V: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Legume & Solanum Vegetables [green beans, dry beans, garbonzo beans, peas, peanuts, fresh peppers, & potatoes])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32		13.16
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.11	0.14	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06		
2	0.09	0.19	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.08		
3	0.09	0.12	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.07		
4	0.09	0.09	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.08		
5	0.13	0.14	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.07		
6	0.22	0.11	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06		
7	0.12	0.11	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.10		
8	0.00	0.11	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.12		
9	0.02	0.11	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.05		
10	0.06	0.08	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.01		
11	0.07	0.09	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	-0.02		
12	0.07	-0.02	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.06		
13	0.07	-0.13	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05		
14	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.08		
15	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.05	0.11		
16	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.06	0.10		
17	0.11	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.05	0.09		
18	0.11	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.08		
19	0.08	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.08		
20	0.07	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.06	0.07		
21	0.07	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.10	0.09		
22	0.07	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.15	0.08		
23	0.06	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.07		
24	0.11	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.06	0.06		
25	0.14	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.06	0.12		
26	0.12	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.06	0.11		
27	0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.10	0.11		
28	0.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.08	0.07		
29	0.11		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.05		
30	0.11		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.07	0.06		
31	0.13		0.00		0.00		0.00	0.00		0.09		0.07		

(Daily Kc values)*		Sheet V: Page 2 of 2			2003	CROP ET						
Legume/Solanum Veg												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	1.052	1.052	0.988	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.874
2	1.052	1.052	0.983	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.884
3	1.052	1.052	0.978	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.895
4	1.052	1.052	0.973	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.905
5	1.052	1.052	0.968	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.916
6	1.052	1.052	0.963	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.926
7	1.052	1.052	0.958	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.937
8	1.052	1.052	0.954	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.947
9	1.052	1.052	0.949	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.642	0.958
10	1.052	1.052	0.944	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.653	0.968
11	1.052	1.052	0.939	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.663	0.979
12	1.052	1.052	0.934	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.674	0.989
13	1.052	1.052	0.929	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.684	1.000
14	1.052	1.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.695	1.010
15	1.052	1.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.705	1.021
16	1.052	1.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.716	1.031
17	1.052	1.048	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.726	1.042
18	1.052	1.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.737	1.052
19	1.052	1.038	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.747	1.052
20	1.052	1.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.758	1.052
21	1.052	1.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.768	1.052
22	1.052	1.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.779	1.052
23	1.052	1.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.789	1.052
24	1.052	1.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.800	1.052
25	1.052	1.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.810	1.052
26	1.052	1.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.821	1.052
27	1.052	0.998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.831	1.052
28	1.052	0.993	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.842	1.052
29	1.052		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.853	1.052
30	1.052		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.632	0.863	1.052
31	1.052		0.000		0.000		0.000	0.000		0.632		1.052

* - Kc values are for Legume Vegetables. Solanum crops (fresh peppers & potatoes) were added to this group to minimize the total number of crop groups, and their total water usage/growing seasons are similar.

ET calculations for			Sheet W: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Crucifers [broccoli, cauliflower, cabbage, bok-choy, mustard, kale, & okra])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16		11.64
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.10	0.13	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.05	0.05		
2	0.09	0.18	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.05	0.07		
3	0.09	0.11	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.06	0.06		
4	0.09	0.09	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.04	0.07		
5	0.12	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.04	0.07		
6	0.21	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.04	0.06		
7	0.12	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.03	0.09		
8	-0.01	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.05	0.11		
9	0.02	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.05	0.04		
10	0.06	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.06	0.00		
11	0.07	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.02	-0.02		
12	0.07	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	-0.07	0.05		
13	0.07	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.04	0.05		
14	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.04	0.08		
15	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.04	0.10		
16	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.05	0.09		
17	0.10	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.04	0.09		
18	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.06	0.08		
19	0.08	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.06	0.08		
20	0.07	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.05	0.07		
21	0.07	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.09	0.09		
22	0.07	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.13	0.08		
23	0.06	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.08	0.07		
24	0.10	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.06	0.06		
25	0.13	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.06	0.11		
26	0.11	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.05	0.10		
27	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.09	0.10		
28	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.07	0.07		
29	0.10		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.06	0.05		
30	0.10		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.06		
31	0.12		0.00		0.00		0.00	0.00		0.06		0.07		

(Daily Kc values)		Sheet W: Page 2 of 2			2003	CROP ET								
Crucifers														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	1.002	1.002	0.897	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.451	0.782		
2	1.002	1.002	0.891	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.451	0.794		
3	1.002	1.002	0.885	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.451	0.806		
4	1.002	1.002	0.879	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.451	0.819		
5	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.463	0.831		
6	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.475	0.843		
7	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.487	0.855		
8	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.500	0.868		
9	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.512	0.880		
10	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.524	0.892		
11	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.536	0.904		
12	1.002	1.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.549	0.917		
13	1.002	0.996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.561	0.929		
14	1.002	0.990	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.573	0.941		
15	1.002	0.984	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.586	0.953		
16	1.002	0.978	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.598	0.966		
17	1.002	0.972	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.610	0.978		
18	1.002	0.965	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.622	0.990		
19	1.002	0.959	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.635	1.002		
20	1.002	0.953	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.647	1.002		
21	1.002	0.947	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.659	1.002		
22	1.002	0.941	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.671	1.002		
23	1.002	0.934	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.684	1.002		
24	1.002	0.928	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.696	1.002		
25	1.002	0.922	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.708	1.002		
26	1.002	0.916	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.720	1.002		
27	1.002	0.910	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.733	1.002		
28	1.002	0.904	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.745	1.002		
29	1.002		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.757	1.002		
30	1.002		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.769	1.002		
31	1.002		0.000		0.000		0.000	0.000		0.451		1.002		

ET calculations for			Sheet X: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Dates)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14		68.47
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.09	0.11	0.09	0.27	0.23	0.31	0.35	0.21	0.25	0.20	0.09	0.06		
2	0.08	0.16	0.11	0.25	0.24	0.31	0.33	0.25	0.26	0.22	0.09	0.08		
3	0.08	0.10	0.08	0.19	0.25	0.33	0.32	0.29	0.27	0.17	0.13	0.07		
4	0.08	0.08	0.11	0.21	0.23	0.32	0.31	0.29	0.25	0.15	0.08	0.08		
5	0.11	0.11	0.12	0.20	0.24	0.32	0.32	0.30	0.22	0.16	0.08	0.07		
6	0.18	0.09	0.13	0.17	0.26	0.31	0.32	0.22	0.23	0.14	0.08	0.06		
7	0.10	0.09	0.13	0.21	0.26	0.33	0.30	0.31	0.26	0.15	0.07	0.10		
8	-0.02	0.09	0.14	0.22	0.24	0.33	0.32	0.31	0.27	0.17	0.09	0.12		
9	0.01	0.09	0.15	0.24	0.22	0.31	0.29	0.31	0.29	0.19	0.08	0.05		
10	0.05	0.07	0.15	0.22	0.22	0.27	0.35	0.29	0.21	0.17	0.10	0.00		
11	0.06	0.08	0.16	0.23	0.23	0.30	0.33	0.30	0.22	0.15	0.05	-0.02		
12	0.06	-0.03	0.15	0.21	0.24	0.29	0.32	0.26	0.21	0.15	-0.07	0.05		
13	0.06	-0.14	0.15	0.23	0.22	0.30	0.33	0.31	0.23	0.17	0.06	0.05		
14	0.06	0.06	0.18	0.23	0.26	0.31	0.32	0.23	0.23	0.16	0.07	0.07		
15	0.08	0.08	0.10	0.22	0.26	0.32	0.27	0.25	0.25	0.19	0.07	0.10		
16	0.08	0.08	0.09	0.19	0.27	0.32	0.33	0.22	0.27	0.16	0.07	0.08		
17	0.09	0.07	0.13	0.24	0.32	0.30	0.31	0.26	0.27	0.17	0.07	0.08		
18	0.09	0.09	0.23	0.20	0.31	0.33	0.26	0.32	0.25	0.17	0.08	0.07		
19	0.07	0.11	0.25	0.21	0.28	0.33	0.28	0.26	0.20	0.17	0.08	0.07		
20	0.06	0.14	0.17	0.22	0.27	0.35	0.30	0.22	0.21	0.16	0.07	0.06		
21	0.06	0.14	0.22	0.27	0.30	0.34	0.34	0.25	0.21	0.14	0.12	0.08		
22	0.06	0.11	0.17	0.25	0.33	0.33	0.33	0.20	0.22	0.16	0.18	0.07		
23	0.05	0.09	0.20	0.22	0.31	0.35	0.27	0.24	0.17	0.14	0.11	0.06		
24	0.09	0.12	0.18	0.24	0.34	0.29	0.23	0.26	0.12	0.17	0.07	0.06		
25	0.11	-0.06	0.19	0.26	0.33	0.28	0.23	0.27	0.18	0.26	0.07	0.10		
26	0.10	0.05	0.22	0.24	0.30	0.31	0.18	0.21	0.20	0.18	0.07	0.09		
27	0.09	0.10	0.28	0.28	0.30	0.32	0.28	0.18	0.20	0.13	0.11	0.09		
28	0.07	0.09	0.26	0.27	0.33	0.33	0.18	0.24	0.21	0.13	0.09	0.06		
29	0.09		0.21	0.28	0.36	0.35	0.27	0.27	0.20	0.17	0.08	0.05		
30	0.09		0.19	0.24	0.32	0.35	0.25	0.26	0.21	0.19	0.07	0.06		
31	0.11		0.20		0.32		0.24	0.26		0.13		0.07		

(Daily Kc values)		Sheet X: Page 2 of 2			2003	CROP ET								
Dates														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.875	0.875	0.948	1.006	1.005	0.994	0.983	0.972	0.961	0.950	0.939	0.928		
2	0.875	0.875	0.950	1.006	1.005	0.994	0.983	0.972	0.961	0.950	0.939	0.928		
3	0.875	0.875	0.953	1.006	1.005	0.993	0.983	0.972	0.960	0.950	0.938	0.928		
4	0.875	0.875	0.956	1.006	1.004	0.993	0.982	0.971	0.960	0.949	0.938	0.927		
5	0.875	0.878	0.959	1.006	1.004	0.993	0.982	0.971	0.960	0.949	0.938	0.927		
6	0.875	0.881	0.962	1.006	1.004	0.992	0.982	0.970	0.959	0.949	0.937	0.927		
7	0.875	0.884	0.965	1.006	1.003	0.992	0.981	0.970	0.959	0.948	0.937	0.926		
8	0.875	0.886	0.968	1.006	1.003	0.992	0.981	0.970	0.959	0.948	0.937	0.926		
9	0.875	0.889	0.971	1.006	1.002	0.991	0.981	0.969	0.958	0.947	0.936	0.926		
10	0.875	0.892	0.974	1.006	1.002	0.991	0.980	0.969	0.958	0.947	0.936	0.925		
11	0.875	0.895	0.977	1.006	1.002	0.991	0.980	0.969	0.958	0.947	0.936	0.925		
12	0.875	0.898	0.980	1.006	1.001	0.990	0.979	0.968	0.957	0.946	0.935	0.924		
13	0.875	0.901	0.982	1.006	1.001	0.990	0.979	0.968	0.957	0.946	0.935	0.924		
14	0.875	0.904	0.985	1.006	1.001	0.990	0.979	0.968	0.956	0.946	0.935	0.924		
15	0.875	0.907	0.988	1.006	1.000	0.989	0.978	0.967	0.956	0.945	0.934	0.923		
16	0.875	0.910	0.991	1.006	1.000	0.989	0.978	0.967	0.956	0.945	0.934	0.923		
17	0.875	0.913	0.994	1.006	1.000	0.988	0.978	0.967	0.955	0.945	0.933	0.923		
18	0.875	0.916	0.997	1.006	0.999	0.988	0.977	0.966	0.955	0.944	0.933	0.922		
19	0.875	0.918	1.000	1.006	0.999	0.988	0.977	0.966	0.955	0.944	0.933	0.922		
20	0.875	0.921	1.003	1.006	0.998	0.987	0.977	0.965	0.954	0.944	0.932	0.922		
21	0.875	0.924	1.006	1.006	0.998	0.987	0.976	0.965	0.954	0.943	0.932	0.921		
22	0.875	0.927	1.006	1.006	0.998	0.987	0.976	0.965	0.954	0.943	0.932	0.921		
23	0.875	0.930	1.006	1.006	0.997	0.986	0.975	0.964	0.953	0.942	0.931	0.921		
24	0.875	0.933	1.006	1.006	0.997	0.986	0.975	0.964	0.953	0.942	0.931	0.920		
25	0.875	0.936	1.006	1.006	0.997	0.986	0.975	0.964	0.952	0.942	0.931	0.920		
26	0.875	0.939	1.006	1.006	0.996	0.985	0.974	0.963	0.952	0.941	0.930	0.919		
27	0.875	0.942	1.006	1.006	0.996	0.985	0.974	0.963	0.952	0.941	0.930	0.919		
28	0.875	0.945	1.006	1.006	0.996	0.984	0.974	0.963	0.951	0.941	0.930	0.919		
29	0.875		1.006	1.006	0.995	0.984	0.973	0.962	0.951	0.940	0.929	0.918		
30	0.875		1.006	1.006	0.995	0.984	0.973	0.962	0.951	0.940	0.929	0.918		
31	0.875		1.006		0.995		0.973	0.961		0.940		0.972		

ET calculations for			Sheet Y: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Safflower)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00		35.95
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.00	0.05	0.05	0.27	0.28	0.38	0.26	0.00	0.00	0.00	0.00	0.00		
2	0.00	0.07	0.06	0.25	0.30	0.38	0.24	0.00	0.00	0.00	0.00	0.00		
3	0.00	0.04	0.04	0.20	0.31	0.41	0.22	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.03	0.07	0.22	0.28	0.40	0.20	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.05	0.07	0.21	0.30	0.40	0.20	0.00	0.00	0.00	0.00	0.00		
6	0.00	0.04	0.08	0.18	0.32	0.38	0.19	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.04	0.08	0.23	0.32	0.41	0.17	0.00	0.00	0.00	0.00	0.00		
8	0.00	0.04	0.09	0.24	0.30	0.41	0.17	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.04	0.09	0.27	0.27	0.38	0.14	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.03	0.10	0.25	0.27	0.33	0.16	0.00	0.00	0.00	0.00	0.00		
11	0.00	0.03	0.11	0.27	0.28	0.37	0.00	0.00	0.00	0.00	0.00	0.00		
12	0.00	-0.05	0.10	0.25	0.30	0.36	0.00	0.00	0.00	0.00	0.00	0.00		
13	0.00	-0.16	0.10	0.27	0.27	0.37	0.00	0.00	0.00	0.00	0.00	0.00		
14	0.00	0.03	0.13	0.28	0.32	0.38	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.03	0.06	0.27	0.32	0.40	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.03	0.06	0.24	0.33	0.39	0.00	0.00	0.00	0.00	0.00	0.00		
17	0.00	0.03	0.10	0.30	0.40	0.35	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.04	0.18	0.25	0.38	0.38	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.04	0.20	0.26	0.35	0.37	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.05	0.14	0.27	0.33	0.38	0.00	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.06	0.18	0.33	0.37	0.36	0.00	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.05	0.14	0.31	0.41	0.33	0.00	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.04	0.17	0.27	0.38	0.35	0.00	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.06	0.16	0.30	0.42	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	-0.09	0.17	0.32	0.41	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
26	0.00	0.01	0.20	0.30	0.37	0.27	0.00	0.00	0.00	0.00	0.00	0.00		
27	0.00	0.05	0.26	0.35	0.37	0.27	0.00	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.04	0.24	0.33	0.41	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.20	0.35	0.45	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.18	0.30	0.40	0.27	0.00	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.20		0.40		0.00	0.00		0.00		0.00		

(Daily Kc values)		Sheet Y: Page 2 of 2			2003	CROP ET								
Safflower														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.000	0.362	0.505	0.998	1.237	1.237	0.725	0.000	0.000	0.000	0.000	0.000		
2	0.000	0.362	0.521	1.014	1.237	1.237	0.693	0.000	0.000	0.000	0.000	0.000		
3	0.000	0.362	0.537	1.030	1.237	1.237	0.661	0.000	0.000	0.000	0.000	0.000		
4	0.000	0.362	0.553	1.046	1.237	1.237	0.629	0.000	0.000	0.000	0.000	0.000		
5	0.000	0.362	0.569	1.062	1.237	1.237	0.597	0.000	0.000	0.000	0.000	0.000		
6	0.000	0.362	0.585	1.078	1.237	1.237	0.565	0.000	0.000	0.000	0.000	0.000		
7	0.000	0.362	0.601	1.094	1.237	1.237	0.533	0.000	0.000	0.000	0.000	0.000		
8	0.000	0.362	0.616	1.110	1.237	1.237	0.501	0.000	0.000	0.000	0.000	0.000		
9	0.000	0.362	0.632	1.126	1.237	1.237	0.469	0.000	0.000	0.000	0.000	0.000		
10	0.000	0.362	0.648	1.142	1.237	1.237	0.437	0.000	0.000	0.000	0.000	0.000		
11	0.000	0.362	0.664	1.158	1.237	1.237	0.000	0.000	0.000	0.000	0.000	0.000		
12	0.000	0.362	0.680	1.173	1.237	1.237	0.000	0.000	0.000	0.000	0.000	0.000		
13	0.000	0.362	0.696	1.189	1.237	1.237	0.000	0.000	0.000	0.000	0.000	0.000		
14	0.000	0.362	0.712	1.205	1.237	1.237	0.000	0.000	0.000	0.000	0.000	0.000		
15	0.000	0.362	0.728	1.221	1.237	1.237	0.000	0.000	0.000	0.000	0.000	0.000		
16	0.000	0.362	0.744	1.237	1.237	1.205	0.000	0.000	0.000	0.000	0.000	0.000		
17	0.000	0.362	0.760	1.237	1.237	1.173	0.000	0.000	0.000	0.000	0.000	0.000		
18	0.000	0.362	0.776	1.237	1.237	1.141	0.000	0.000	0.000	0.000	0.000	0.000		
19	0.000	0.362	0.792	1.237	1.237	1.109	0.000	0.000	0.000	0.000	0.000	0.000		
20	0.000	0.362	0.807	1.237	1.237	1.077	0.000	0.000	0.000	0.000	0.000	0.000		
21	0.000	0.378	0.823	1.237	1.237	1.045	0.000	0.000	0.000	0.000	0.000	0.000		
22	0.000	0.394	0.839	1.237	1.237	1.013	0.000	0.000	0.000	0.000	0.000	0.000		
23	0.000	0.410	0.855	1.237	1.237	0.981	0.000	0.000	0.000	0.000	0.000	0.000		
24	0.000	0.425	0.871	1.237	1.237	0.949	0.000	0.000	0.000	0.000	0.000	0.000		
25	0.000	0.441	0.887	1.237	1.237	0.917	0.000	0.000	0.000	0.000	0.000	0.000		
26	0.000	0.457	0.903	1.237	1.237	0.885	0.000	0.000	0.000	0.000	0.000	0.000		
27	0.000	0.473	0.919	1.237	1.237	0.853	0.000	0.000	0.000	0.000	0.000	0.000		
28	0.000	0.489	0.935	1.237	1.237	0.821	0.000	0.000	0.000	0.000	0.000	0.000		
29	0.000		0.951	1.237	1.237	0.789	0.000	0.000	0.000	0.000	0.000	0.000		
30	0.000		0.967	1.237	1.237	0.757	0.000	0.000	0.000	0.000	0.000	0.000		
31	0.000		0.982		1.237		0.000	0.000		0.000		0.000		

ET calculations for			Sheet Z: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Deciduous Orchards [pecans & peaches])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36		55.50
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.05	0.06	0.05	0.18	0.19	0.27	0.31	0.19	0.23	0.18	0.09	0.05		
2	0.04	0.08	0.06	0.16	0.20	0.27	0.29	0.23	0.23	0.20	0.09	0.07		
3	0.04	0.05	0.04	0.13	0.21	0.29	0.29	0.26	0.24	0.16	0.12	0.06		
4	0.04	0.04	0.06	0.14	0.19	0.28	0.28	0.26	0.23	0.14	0.08	0.06		
5	0.05	0.06	0.06	0.13	0.20	0.28	0.29	0.27	0.20	0.15	0.08	0.06		
6	0.09	0.05	0.07	0.12	0.22	0.27	0.29	0.20	0.21	0.13	0.08	0.05		
7	0.05	0.05	0.07	0.14	0.22	0.29	0.27	0.28	0.23	0.14	0.06	0.08		
8	-0.04	0.05	0.07	0.15	0.21	0.29	0.29	0.28	0.24	0.16	0.09	0.08		
9	-0.01	0.05	0.08	0.17	0.19	0.27	0.26	0.28	0.26	0.17	0.08	0.03		
10	0.03	0.04	0.08	0.15	0.19	0.23	0.31	0.26	0.19	0.16	0.10	-0.01		
11	0.03	0.04	0.09	0.16	0.20	0.26	0.29	0.27	0.20	0.14	0.04	-0.04		
12	0.03	-0.05	0.08	0.15	0.21	0.25	0.29	0.23	0.19	0.14	-0.07	0.03		
13	0.03	-0.15	0.08	0.16	0.19	0.26	0.29	0.28	0.21	0.16	0.06	0.03		
14	0.03	0.03	0.10	0.17	0.23	0.27	0.29	0.21	0.21	0.15	0.06	0.05		
15	0.04	0.04	0.04	0.16	0.23	0.28	0.24	0.23	0.23	0.17	0.06	0.07		
16	0.04	0.04	0.04	0.14	0.23	0.28	0.29	0.20	0.24	0.15	0.07	0.05		
17	0.05	0.04	0.07	0.18	0.28	0.26	0.28	0.23	0.24	0.16	0.06	0.05		
18	0.05	0.05	0.13	0.15	0.27	0.29	0.23	0.29	0.23	0.16	0.08	0.05		
19	0.04	0.05	0.14	0.16	0.24	0.29	0.25	0.23	0.18	0.16	0.08	0.05		
20	0.03	0.07	0.10	0.17	0.23	0.30	0.27	0.20	0.19	0.15	0.07	0.04		
21	0.03	0.07	0.13	0.21	0.26	0.29	0.30	0.23	0.19	0.13	0.11	0.05		
22	0.03	0.05	0.10	0.19	0.29	0.29	0.29	0.18	0.20	0.15	0.16	0.05		
23	0.03	0.05	0.12	0.17	0.27	0.31	0.24	0.22	0.16	0.13	0.10	0.04		
24	0.05	0.06	0.11	0.19	0.29	0.25	0.21	0.23	0.11	0.16	0.06	0.03		
25	0.06	-0.09	0.12	0.20	0.29	0.24	0.21	0.24	0.16	0.24	0.06	0.06		
26	0.05	0.01	0.14	0.19	0.26	0.27	0.16	0.19	0.18	0.16	0.06	0.05		
27	0.05	0.05	0.17	0.22	0.26	0.28	0.25	0.16	0.18	0.12	0.09	0.05		
28	0.04	0.04	0.16	0.22	0.29	0.29	0.16	0.22	0.19	0.12	0.07	0.04		
29	0.05		0.13	0.23	0.31	0.31	0.24	0.24	0.18	0.16	0.06	0.03		
30	0.05		0.12	0.19	0.28	0.31	0.23	0.23	0.19	0.17	0.06	0.03		
31	0.05		0.13		0.28		0.22	0.23		0.12		0.03		

(Daily Kc values)		Sheet Z: Page 2 of 2			2003	CROP ET								
Orchards														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.451	0.451	0.479	0.650	0.816	0.866	0.866	0.866	0.866	0.866	0.866	0.740		
2	0.451	0.451	0.485	0.656	0.822	0.866	0.866	0.866	0.866	0.866	0.866	0.732		
3	0.451	0.451	0.490	0.661	0.827	0.866	0.866	0.866	0.866	0.866	0.866	0.723		
4	0.451	0.451	0.496	0.667	0.833	0.866	0.866	0.866	0.866	0.866	0.866	0.715		
5	0.451	0.451	0.501	0.673	0.838	0.866	0.866	0.866	0.866	0.866	0.866	0.706		
6	0.451	0.451	0.507	0.678	0.844	0.866	0.866	0.866	0.866	0.866	0.866	0.698		
7	0.451	0.451	0.512	0.684	0.849	0.866	0.866	0.866	0.866	0.866	0.866	0.690		
8	0.451	0.451	0.518	0.689	0.855	0.866	0.866	0.866	0.866	0.866	0.866	0.681		
9	0.451	0.451	0.523	0.695	0.860	0.866	0.866	0.866	0.866	0.866	0.866	0.673		
10	0.451	0.451	0.529	0.700	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.664		
11	0.451	0.451	0.534	0.706	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.656		
12	0.451	0.451	0.540	0.711	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.648		
13	0.451	0.451	0.545	0.717	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.639		
14	0.451	0.451	0.551	0.722	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.631		
15	0.451	0.451	0.556	0.728	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.622		
16	0.451	0.451	0.562	0.733	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.614		
17	0.451	0.451	0.567	0.739	0.866	0.866	0.866	0.866	0.866	0.866	0.858	0.606		
18	0.451	0.451	0.573	0.744	0.866	0.866	0.866	0.866	0.866	0.866	0.849	0.597		
19	0.451	0.451	0.579	0.750	0.866	0.866	0.866	0.866	0.866	0.866	0.841	0.589		
20	0.451	0.451	0.584	0.755	0.866	0.866	0.866	0.866	0.866	0.866	0.832	0.580		
21	0.451	0.451	0.590	0.761	0.866	0.866	0.866	0.866	0.866	0.866	0.824	0.572		
22	0.451	0.451	0.595	0.766	0.866	0.866	0.866	0.866	0.866	0.866	0.816	0.564		
23	0.451	0.451	0.601	0.772	0.866	0.866	0.866	0.866	0.866	0.866	0.807	0.555		
24	0.451	0.451	0.606	0.778	0.866	0.866	0.866	0.866	0.866	0.866	0.799	0.547		
25	0.451	0.457	0.612	0.783	0.866	0.866	0.866	0.866	0.866	0.866	0.790	0.538		
26	0.451	0.462	0.617	0.789	0.866	0.866	0.866	0.866	0.866	0.866	0.782	0.530		
27	0.451	0.468	0.623	0.794	0.866	0.866	0.866	0.866	0.866	0.866	0.774	0.522		
28	0.451	0.473	0.628	0.800	0.866	0.866	0.866	0.866	0.866	0.866	0.765	0.513		
29	0.451		0.634	0.805	0.866	0.866	0.866	0.866	0.866	0.866	0.757	0.505		
30	0.451		0.639	0.811	0.866	0.866	0.866	0.866	0.866	0.866	0.748	0.496		
31	0.451		0.645		0.866		0.866	0.866		0.866		0.488		

ET calculations for			Sheet AA: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Small Vegetables [carrots, celantro, celery, garlic, onions, parsley, & radishes])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31		17.21
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.10	0.13	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.06	0.07		
2	0.09	0.18	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.06	0.09		
3	0.09	0.11	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.08	0.08		
4	0.09	0.09	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06	0.09		
5	0.12	0.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.08		
6	0.21	0.10	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06	0.07		
7	0.12	0.10	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.11		
8	-0.01	0.10	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.07	0.13		
9	0.02	0.10	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.06	0.05		
10	0.06	0.08	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.08	0.01		
11	0.07	0.09	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.03	-0.02		
12	0.07	-0.02	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.05	-0.07	0.06		
13	0.07	-0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.05	0.05		
14	0.07	0.07	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.05	0.08		
15	0.09	0.09	0.08	0.00	0.00	0.00	0.00	0.00	0.09	0.07	0.05	0.11		
16	0.09	0.09	0.08	0.00	0.00	0.00	0.00	0.00	0.10	0.06	0.06	0.09		
17	0.10	0.08	0.11	0.00	0.00	0.00	0.00	0.00	0.10	0.07	0.06	0.09		
18	0.10	0.10	0.20	0.00	0.00	0.00	0.00	0.00	0.09	0.07	0.07	0.08		
19	0.08	0.12	0.21	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.07	0.08		
20	0.07	0.15	0.14	0.00	0.00	0.00	0.00	0.00	0.08	0.07	0.07	0.07		
21	0.07	0.15	0.18	0.00	0.00	0.00	0.00	0.00	0.08	0.06	0.11	0.09		
22	0.07	0.12	0.14	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.16	0.08		
23	0.06	0.10	0.16	0.00	0.00	0.00	0.00	0.00	0.06	0.07	0.10	0.07		
24	0.10	0.13	0.15	0.00	0.00	0.00	0.00	0.00	0.04	0.09	0.07	0.06		
25	0.13	-0.06	0.15	0.00	0.00	0.00	0.00	0.00	0.06	0.14	0.07	0.11		
26	0.11	0.06	0.18	0.00	0.00	0.00	0.00	0.00	0.07	0.09	0.07	0.10		
27	0.10	0.11	0.22	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.11	0.10		
28	0.08	0.09	0.20	0.00	0.00	0.00	0.00	0.00	0.08	0.07	0.09	0.07		
29	0.10		0.16	0.00	0.00	0.00	0.00	0.00	0.07	0.10	0.08	0.05		
30	0.10		0.15	0.00	0.00	0.00	0.00	0.00	0.08	0.11	0.07	0.06		
31	0.12		0.00		0.00		0.00	0.00		0.08		0.07		

(Daily Kc values)		Sheet AA: Page 2 of 2			2003	CROP ET								
Small Vegetables														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.996	0.996	0.989	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.577	0.970		
2	0.996	0.996	0.981	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.590	0.983		
3	0.996	0.996	0.974	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.604	0.996		
4	0.996	0.996	0.966	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.617	0.996		
5	0.996	0.996	0.959	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.630	0.996		
6	0.996	0.996	0.951	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.643	0.996		
7	0.996	0.996	0.944	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.656	0.996		
8	0.996	0.996	0.936	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.669	0.996		
9	0.996	0.996	0.929	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.682	0.996		
10	0.996	0.996	0.921	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.695	0.996		
11	0.996	0.996	0.914	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.708	0.996		
12	0.996	0.996	0.906	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.721	0.996		
13	0.996	0.996	0.899	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.734	0.996		
14	0.996	0.996	0.892	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.748	0.996		
15	0.996	0.996	0.884	0.000	0.000	0.000	0.000	0.000	0.342	0.355	0.761	0.996		
16	0.996	0.996	0.877	0.000	0.000	0.000	0.000	0.000	0.342	0.368	0.774	0.996		
17	0.996	0.996	0.869	0.000	0.000	0.000	0.000	0.000	0.342	0.381	0.787	0.996		
18	0.996	0.996	0.862	0.000	0.000	0.000	0.000	0.000	0.342	0.394	0.800	0.996		
19	0.996	0.996	0.854	0.000	0.000	0.000	0.000	0.000	0.342	0.407	0.813	0.996		
20	0.996	0.996	0.847	0.000	0.000	0.000	0.000	0.000	0.342	0.420	0.826	0.996		
21	0.996	0.996	0.839	0.000	0.000	0.000	0.000	0.000	0.342	0.433	0.839	0.996		
22	0.996	0.996	0.832	0.000	0.000	0.000	0.000	0.000	0.342	0.447	0.852	0.996		
23	0.996	0.996	0.824	0.000	0.000	0.000	0.000	0.000	0.342	0.460	0.865	0.996		
24	0.996	0.996	0.817	0.000	0.000	0.000	0.000	0.000	0.342	0.473	0.878	0.996		
25	0.996	0.996	0.809	0.000	0.000	0.000	0.000	0.000	0.342	0.486	0.891	0.996		
26	0.996	0.996	0.802	0.000	0.000	0.000	0.000	0.000	0.342	0.499	0.905	0.996		
27	0.996	0.996	0.794	0.000	0.000	0.000	0.000	0.000	0.342	0.512	0.918	0.996		
28	0.996	0.996	0.787	0.000	0.000	0.000	0.000	0.000	0.342	0.525	0.931	0.996		
29	0.996		0.780	0.000	0.000	0.000	0.000	0.000	0.342	0.538	0.944	0.996		
30	0.996		0.772	0.000	0.000	0.000	0.000	0.000	0.342	0.551	0.957	0.996		
31	0.996		0.000		0.000		0.000	0.000		0.564		0.996		

ET calculations for			Sheet AB: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Root Vegetables [tables beets, parsnips, turnips, & rutabagas])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19		11.62
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.10	0.10	0.07		
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.11	0.10	0.09		
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.09	0.15	0.08		
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.08	0.09	0.09		
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.09	0.09	0.08		
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.09	0.07		
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.07	0.11		
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.11	0.10	0.13		
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.12	0.09	0.05		
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.12	0.12	0.01		
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.11	0.05	-0.01		
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.11	-0.06	0.06		
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.13	0.07	0.05		
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.12	0.07	0.08		
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.15	0.07	0.11		
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.13	0.08	0.09		
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.14	0.07	0.09		
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.15	0.09	0.08		
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.15	0.09	0.08		
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.14	0.08	0.07		
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.13	0.14	0.09		
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.15	0.20	0.08		
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.14	0.13	0.07		
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.17	0.08	0.06		
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.27	0.08	0.10		
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.18	0.08	0.09		
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.14	0.13	0.09		
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.14	0.10	0.07		
29	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.19	0.09	0.05		
30	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.21	0.08	0.00		
31	0.00		0.00		0.00		0.00	0.00		0.15		0.00		

(Daily Kc values)		Sheet AB: Page 2 of 2			2003	CROP ET								
Root Vegetables														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.463	1.048	1.048		
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.483	1.048	1.048		
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.503	1.048	1.048		
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.523	1.048	1.048		
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.544	1.048	1.043		
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.564	1.048	1.039		
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.584	1.048	1.034		
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.604	1.048	1.029		
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.624	1.048	1.024		
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.645	1.048	1.020		
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.665	1.048	1.015		
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.685	1.048	1.010		
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.705	1.048	1.005		
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.725	1.048	1.001		
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.745	1.048	0.996		
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.766	1.048	0.991		
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.786	1.048	0.986		
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.806	1.048	0.982		
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.826	1.048	0.977		
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.846	1.048	0.972		
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.866	1.048	0.967		
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.887	1.048	0.963		
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.907	1.048	0.958		
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.927	1.048	0.953		
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.342	0.947	1.048	0.948		
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.967	1.048	0.944		
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.382	0.988	1.048	0.939		
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.402	1.008	1.048	0.934		
29	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.423	1.028	1.048	0.930		
30	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.443	1.048	1.048	0.000		
31	0.000		0.000		0.000		0.000	0.000		1.048		0.000		

ET calculations for			Sheet AC: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Perennial Vegtables [artichokes & asparagus])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90		54.18
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.04	0.06	0.04	0.15	0.21	0.29	0.34	0.21	0.24	0.15	0.05	0.03		
2	0.04	0.08	0.05	0.15	0.22	0.29	0.32	0.24	0.24	0.17	0.05	0.04		
3	0.04	0.05	0.03	0.11	0.23	0.31	0.31	0.28	0.25	0.13	0.07	0.03		
4	0.04	0.04	0.05	0.13	0.21	0.30	0.30	0.28	0.23	0.11	0.05	0.04		
5	0.05	0.06	0.05	0.12	0.22	0.30	0.31	0.29	0.20	0.12	0.05	0.03		
6	0.09	0.04	0.06	0.11	0.24	0.29	0.31	0.21	0.21	0.10	0.05	0.03		
7	0.05	0.04	0.06	0.13	0.24	0.31	0.29	0.30	0.23	0.11	0.04	0.05		
8	-0.04	0.04	0.06	0.14	0.22	0.31	0.31	0.30	0.24	0.12	0.05	0.05		
9	-0.01	0.04	0.07	0.16	0.21	0.29	0.28	0.30	0.26	0.14	0.04	0.01		
10	0.03	0.03	0.07	0.15	0.21	0.25	0.34	0.28	0.19	0.12	0.05	-0.03		
11	0.03	0.04	0.07	0.16	0.21	0.28	0.32	0.29	0.19	0.11	0.01	-0.06		
12	0.03	-0.05	0.07	0.14	0.22	0.27	0.31	0.25	0.18	0.11	-0.07	0.02		
13	0.03	-0.15	0.07	0.16	0.21	0.28	0.32	0.30	0.20	0.12	0.03	0.02		
14	0.03	0.03	0.08	0.16	0.24	0.29	0.31	0.22	0.20	0.11	0.03	0.03		
15	0.04	0.04	0.03	0.16	0.24	0.30	0.26	0.24	0.21	0.13	0.03	0.05		
16	0.04	0.04	0.02	0.14	0.25	0.30	0.32	0.21	0.23	0.11	0.04	0.04		
17	0.04	0.03	0.05	0.18	0.30	0.28	0.30	0.25	0.23	0.11	0.03	0.04		
18	0.04	0.04	0.10	0.15	0.29	0.31	0.25	0.31	0.21	0.11	0.04	0.03		
19	0.03	0.05	0.11	0.16	0.26	0.31	0.27	0.25	0.17	0.11	0.04	0.03		
20	0.03	0.07	0.07	0.17	0.25	0.33	0.29	0.21	0.17	0.10	0.03	0.03		
21	0.03	0.07	0.10	0.21	0.28	0.32	0.33	0.24	0.17	0.09	0.05	0.04		
22	0.03	0.05	0.08	0.20	0.31	0.31	0.32	0.20	0.18	0.10	0.08	0.03		
23	0.03	0.04	0.09	0.18	0.29	0.34	0.26	0.23	0.14	0.09	0.05	0.03		
24	0.04	0.06	0.09	0.20	0.32	0.27	0.22	0.25	0.10	0.11	0.03	0.03		
25	0.06	-0.09	0.09	0.22	0.31	0.26	0.22	0.26	0.14	0.16	0.03	0.05		
26	0.05	0.00	0.11	0.20	0.28	0.29	0.17	0.21	0.16	0.11	0.02	0.04		
27	0.04	0.05	0.14	0.24	0.28	0.30	0.27	0.18	0.16	0.08	0.05	0.04		
28	0.03	0.04	0.14	0.23	0.31	0.32	0.17	0.23	0.16	0.08	0.03	0.03		
29	0.04		0.11	0.25	0.34	0.34	0.26	0.26	0.15	0.10	0.03	0.02		
30	0.04		0.10	0.21	0.30	0.34	0.24	0.25	0.16	0.11	0.00	0.03		
31	0.05		0.11		0.30		0.23	0.25		0.08		0.03		

(Daily Kc values)		Sheet AC: Page 2 of 2			2003	CROP ET								
Perennial Vegetables														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.436	0.436	0.436	0.569	0.900	0.933	0.933	0.933	0.904	0.725	0.540	0.436		
2	0.436	0.436	0.436	0.580	0.911	0.933	0.933	0.933	0.898	0.719	0.535	0.436		
3	0.436	0.436	0.436	0.591	0.922	0.933	0.933	0.933	0.892	0.713	0.529	0.436		
4	0.436	0.436	0.436	0.602	0.933	0.933	0.933	0.933	0.886	0.707	0.523	0.436		
5	0.436	0.436	0.436	0.613	0.933	0.933	0.933	0.933	0.880	0.701	0.517	0.436		
6	0.436	0.436	0.436	0.624	0.933	0.933	0.933	0.933	0.874	0.695	0.511	0.436		
7	0.436	0.436	0.436	0.635	0.933	0.933	0.933	0.933	0.868	0.689	0.505	0.436		
8	0.436	0.436	0.436	0.646	0.933	0.933	0.933	0.933	0.862	0.683	0.499	0.436		
9	0.436	0.436	0.436	0.657	0.933	0.933	0.933	0.933	0.856	0.677	0.493	0.436		
10	0.436	0.436	0.436	0.668	0.933	0.933	0.933	0.933	0.850	0.671	0.487	0.436		
11	0.436	0.436	0.436	0.679	0.933	0.933	0.933	0.933	0.844	0.665	0.481	0.436		
12	0.436	0.436	0.436	0.690	0.933	0.933	0.933	0.933	0.838	0.660	0.475	0.436		
13	0.436	0.436	0.436	0.701	0.933	0.933	0.933	0.933	0.832	0.654	0.469	0.436		
14	0.436	0.436	0.436	0.712	0.933	0.933	0.933	0.933	0.826	0.648	0.463	0.436		
15	0.436	0.436	0.436	0.723	0.933	0.933	0.933	0.933	0.820	0.642	0.457	0.436		
16	0.436	0.436	0.436	0.735	0.933	0.933	0.933	0.933	0.814	0.636	0.451	0.436		
17	0.436	0.436	0.436	0.746	0.933	0.933	0.933	0.933	0.808	0.630	0.445	0.436		
18	0.436	0.436	0.436	0.757	0.933	0.933	0.933	0.933	0.802	0.624	0.439	0.436		
19	0.436	0.436	0.436	0.768	0.933	0.933	0.933	0.933	0.796	0.618	0.433	0.436		
20	0.436	0.436	0.436	0.779	0.933	0.933	0.933	0.933	0.791	0.612	0.427	0.436		
21	0.436	0.436	0.447	0.790	0.933	0.933	0.933	0.933	0.785	0.606	0.421	0.436		
22	0.436	0.436	0.458	0.801	0.933	0.933	0.933	0.933	0.779	0.600	0.415	0.436		
23	0.436	0.436	0.469	0.812	0.933	0.933	0.933	0.933	0.773	0.594	0.409	0.436		
24	0.436	0.436	0.480	0.823	0.933	0.933	0.933	0.933	0.767	0.588	0.404	0.436		
25	0.436	0.436	0.491	0.834	0.933	0.933	0.933	0.933	0.761	0.582	0.398	0.436		
26	0.436	0.436	0.502	0.845	0.933	0.933	0.933	0.933	0.755	0.576	0.392	0.436		
27	0.436	0.436	0.514	0.856	0.933	0.933	0.933	0.933	0.749	0.570	0.386	0.436		
28	0.436	0.436	0.525	0.867	0.933	0.933	0.933	0.927	0.743	0.564	0.380	0.436		
29	0.436		0.536	0.878	0.933	0.933	0.933	0.922	0.737	0.558	0.374	0.436		
30	0.436		0.547	0.889	0.933	0.933	0.933	0.916	0.731	0.552	0.000	0.436		
31	0.436		0.558		0.933		0.933	0.910		0.546		0.436		

ET calculations for			Sheet AD: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Sugar Beets)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27		31.41
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.11	0.14	0.11	0.29	0.21	0.17	0.00	0.00	0.00	0.07	0.05	0.06		
2	0.10	0.19	0.13	0.27	0.22	0.00	0.00	0.00	0.00	0.08	0.05	0.07		
3	0.10	0.12	0.09	0.20	0.22	0.00	0.00	0.00	0.00	0.06	0.07	0.07		
4	0.10	0.10	0.13	0.23	0.20	0.00	0.00	0.00	0.00	0.05	0.05	0.07		
5	0.13	0.14	0.13	0.21	0.21	0.00	0.00	0.00	0.00	0.06	0.05	0.07		
6	0.23	0.11	0.14	0.18	0.22	0.00	0.00	0.00	0.00	0.05	0.05	0.06		
7	0.12	0.11	0.14	0.23	0.22	0.00	0.00	0.00	0.00	0.05	0.04	0.10		
8	0.00	0.11	0.15	0.24	0.20	0.00	0.00	0.00	0.00	0.06	0.06	0.11		
9	0.02	0.11	0.16	0.26	0.18	0.00	0.00	0.00	0.00	0.07	0.05	0.05		
10	0.06	0.09	0.16	0.24	0.18	0.00	0.00	0.00	0.00	0.06	0.06	0.00		
11	0.08	0.09	0.17	0.25	0.18	0.00	0.00	0.00	0.00	0.05	0.02	-0.02		
12	0.08	-0.02	0.16	0.23	0.19	0.00	0.00	0.00	0.00	0.05	-0.07	0.05		
13	0.08	-0.13	0.16	0.25	0.17	0.00	0.00	0.00	0.00	0.06	0.04	0.05		
14	0.08	0.08	0.19	0.25	0.20	0.00	0.00	0.00	0.00	0.06	0.04	0.08		
15	0.10	0.10	0.11	0.24	0.20	0.00	0.00	0.00	0.00	0.07	0.04	0.11		
16	0.10	0.10	0.10	0.20	0.20	0.00	0.00	0.00	0.00	0.06	0.05	0.09		
17	0.11	0.09	0.14	0.26	0.23	0.00	0.00	0.00	0.00	0.06	0.05	0.09		
18	0.11	0.11	0.25	0.21	0.22	0.00	0.00	0.00	0.00	0.06	0.06	0.08		
19	0.09	0.13	0.27	0.22	0.20	0.00	0.00	0.00	0.00	0.06	0.06	0.08		
20	0.08	0.16	0.18	0.23	0.19	0.00	0.00	0.00	0.07	0.06	0.06	0.07		
21	0.08	0.16	0.24	0.28	0.21	0.00	0.00	0.00	0.07	0.05	0.09	0.09		
22	0.08	0.13	0.18	0.25	0.22	0.00	0.00	0.00	0.08	0.06	0.14	0.08		
23	0.06	0.11	0.21	0.22	0.21	0.00	0.00	0.00	0.06	0.06	0.09	0.08		
24	0.11	0.14	0.19	0.24	0.22	0.00	0.00	0.00	0.04	0.07	0.06	0.06		
25	0.14	-0.05	0.20	0.26	0.21	0.00	0.00	0.00	0.06	0.11	0.06	0.12		
26	0.12	0.07	0.24	0.23	0.19	0.00	0.00	0.00	0.07	0.08	0.06	0.11		
27	0.11	0.12	0.30	0.27	0.19	0.00	0.00	0.00	0.07	0.06	0.09	0.11		
28	0.09	0.10	0.28	0.26	0.20	0.00	0.00	0.00	0.07	0.06	0.07	0.08		
29	0.11		0.23	0.26	0.21	0.00	0.00	0.00	0.07	0.08	0.07	0.05		
30	0.11		0.20	0.22	0.19	0.00	0.00	0.00	0.07	0.09	0.06	0.06		
31	0.13		0.21		0.18		0.00	0.00		0.07		0.08		

(Daily Kc values)		Sheet AD: Page 2 of 2			2003	CROP ET						
Sugar Beets												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	1.072	1.072	1.072	1.072	0.913	0.563	0.000	0.000	0.000	0.334	0.482	0.822
2	1.072	1.072	1.072	1.072	0.902	0.000	0.000	0.000	0.000	0.334	0.493	0.833
3	1.072	1.072	1.072	1.072	0.891	0.000	0.000	0.000	0.000	0.334	0.504	0.845
4	1.072	1.072	1.072	1.072	0.879	0.000	0.000	0.000	0.000	0.334	0.516	0.856
5	1.072	1.072	1.072	1.072	0.868	0.000	0.000	0.000	0.000	0.334	0.527	0.867
6	1.072	1.072	1.072	1.072	0.857	0.000	0.000	0.000	0.000	0.334	0.538	0.879
7	1.072	1.072	1.072	1.072	0.845	0.000	0.000	0.000	0.000	0.334	0.550	0.890
8	1.072	1.072	1.072	1.072	0.834	0.000	0.000	0.000	0.000	0.334	0.561	0.901
9	1.072	1.072	1.072	1.072	0.823	0.000	0.000	0.000	0.000	0.334	0.572	0.913
10	1.072	1.072	1.072	1.072	0.812	0.000	0.000	0.000	0.000	0.334	0.584	0.924
11	1.072	1.072	1.072	1.072	0.800	0.000	0.000	0.000	0.000	0.334	0.595	0.935
12	1.072	1.072	1.072	1.072	0.789	0.000	0.000	0.000	0.000	0.334	0.606	0.947
13	1.072	1.072	1.072	1.072	0.778	0.000	0.000	0.000	0.000	0.334	0.618	0.958
14	1.072	1.072	1.072	1.072	0.766	0.000	0.000	0.000	0.000	0.334	0.629	0.969
15	1.072	1.072	1.072	1.072	0.755	0.000	0.000	0.000	0.000	0.334	0.640	0.981
16	1.072	1.072	1.072	1.072	0.744	0.000	0.000	0.000	0.000	0.334	0.652	0.992
17	1.072	1.072	1.072	1.072	0.732	0.000	0.000	0.000	0.000	0.334	0.663	1.003
18	1.072	1.072	1.072	1.060	0.721	0.000	0.000	0.000	0.000	0.334	0.674	1.015
19	1.072	1.072	1.072	1.049	0.710	0.000	0.000	0.000	0.000	0.334	0.686	1.026
20	1.072	1.072	1.072	1.038	0.699	0.000	0.000	0.000	0.334	0.345	0.697	1.038
21	1.072	1.072	1.072	1.026	0.687	0.000	0.000	0.000	0.334	0.357	0.708	1.049
22	1.072	1.072	1.072	1.015	0.676	0.000	0.000	0.000	0.334	0.368	0.720	1.060
23	1.072	1.072	1.072	1.004	0.665	0.000	0.000	0.000	0.334	0.379	0.731	1.072
24	1.072	1.072	1.072	0.992	0.653	0.000	0.000	0.000	0.334	0.391	0.743	1.072
25	1.072	1.072	1.072	0.981	0.642	0.000	0.000	0.000	0.334	0.402	0.754	1.072
26	1.072	1.072	1.072	0.970	0.631	0.000	0.000	0.000	0.334	0.413	0.765	1.072
27	1.072	1.072	1.072	0.959	0.619	0.000	0.000	0.000	0.334	0.425	0.777	1.072
28	1.072	1.072	1.072	0.947	0.608	0.000	0.000	0.000	0.334	0.436	0.788	1.072
29	1.072		1.072	0.936	0.597	0.000	0.000	0.000	0.334	0.448	0.799	1.072
30	1.072		1.072	0.925	0.586	0.000	0.000	0.000	0.334	0.459	0.811	1.072
31	1.072		1.072		0.574		0.000	0.000		0.470		1.072

ET calculations for			Sheet AE: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Grapes)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00		36.25
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.01	0.13	0.18	0.26	0.30	0.16	0.13	0.00	0.00	0.00		
2	0.00	0.00	0.02	0.12	0.19	0.26	0.29	0.19	0.13	0.00	0.00	0.00		
3	0.00	0.00	0.01	0.09	0.20	0.28	0.28	0.22	0.13	0.00	0.00	0.00		
4	0.00	0.00	0.02	0.11	0.19	0.27	0.27	0.22	0.12	0.00	0.00	0.00		
5	0.00	0.00	0.02	0.10	0.20	0.27	0.28	0.22	0.10	0.00	0.00	0.00		
6	0.00	0.00	0.02	0.09	0.22	0.26	0.28	0.16	0.11	0.00	0.00	0.00		
7	0.00	0.00	0.02	0.11	0.22	0.28	0.26	0.23	0.12	0.00	0.00	0.00		
8	0.00	0.00	0.03	0.12	0.20	0.28	0.28	0.22	0.12	0.00	0.00	0.00		
9	0.00	0.00	0.03	0.14	0.19	0.26	0.25	0.22	0.12	0.00	0.00	0.00		
10	0.00	0.00	0.03	0.13	0.19	0.23	0.30	0.21	0.09	0.00	0.00	0.00		
11	0.00	0.00	0.04	0.14	0.20	0.26	0.28	0.21	0.09	0.00	0.00	0.00		
12	0.00	0.00	0.03	0.13	0.20	0.25	0.27	0.18	0.08	0.00	0.00	0.00		
13	0.00	0.00	0.04	0.14	0.19	0.26	0.28	0.21	0.09	0.00	0.00	0.00		
14	0.00	0.01	0.05	0.14	0.22	0.26	0.27	0.16	0.08	0.00	0.00	0.00		
15	0.00	0.01	0.00	0.14	0.22	0.27	0.23	0.17	0.09	0.00	0.00	0.00		
16	0.00	0.01	0.00	0.12	0.23	0.27	0.28	0.15	0.09	0.00	0.00	0.00		
17	0.00	0.01	0.03	0.16	0.27	0.25	0.26	0.17	0.09	0.00	0.00	0.00		
18	0.00	0.01	0.07	0.13	0.26	0.28	0.22	0.21	0.08	0.00	0.00	0.00		
19	0.00	0.01	0.08	0.14	0.24	0.28	0.23	0.17	0.06	0.00	0.00	0.00		
20	0.00	0.02	0.05	0.15	0.23	0.30	0.25	0.14	0.06	0.00	0.00	0.00		
21	0.00	0.02	0.07	0.19	0.26	0.29	0.28	0.16	0.00	0.00	0.00	0.00		
22	0.00	0.01	0.06	0.18	0.28	0.28	0.27	0.12	0.00	0.00	0.00	0.00		
23	0.00	0.01	0.07	0.16	0.26	0.31	0.22	0.15	0.00	0.00	0.00	0.00		
24	0.00	0.02	0.07	0.18	0.29	0.25	0.19	0.15	0.00	0.00	0.00	0.00		
25	0.00	-0.10	0.07	0.19	0.28	0.24	0.19	0.16	0.00	0.00	0.00	0.00		
26	0.00	-0.03	0.09	0.18	0.26	0.26	0.14	0.12	0.00	0.00	0.00	0.00		
27	0.00	0.01	0.11	0.21	0.26	0.27	0.22	0.10	0.00	0.00	0.00	0.00		
28	0.00	0.01	0.11	0.21	0.28	0.29	0.14	0.13	0.00	0.00	0.00	0.00		
29	0.00		0.09	0.22	0.31	0.31	0.21	0.15	0.00	0.00	0.00	0.00		
30	0.00		0.08	0.19	0.27	0.30	0.20	0.14	0.00	0.00	0.00	0.00		
31	0.00		0.09		0.27		0.19	0.14		0.00		0.00		

(Daily Kc values)		Sheet AE: Page 2 of 2			2003	CROP ET						
Grapes												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.000	0.145	0.464	0.801	0.850	0.846	0.742	0.493	0.000	0.000	0.000
2	0.000	0.000	0.151	0.476	0.809	0.850	0.845	0.736	0.483	0.000	0.000	0.000
3	0.000	0.000	0.158	0.489	0.817	0.850	0.844	0.730	0.472	0.000	0.000	0.000
4	0.000	0.000	0.165	0.502	0.824	0.850	0.843	0.724	0.461	0.000	0.000	0.000
5	0.000	0.000	0.172	0.514	0.831	0.850	0.841	0.718	0.450	0.000	0.000	0.000
6	0.000	0.000	0.180	0.527	0.837	0.850	0.839	0.711	0.439	0.000	0.000	0.000
7	0.000	0.000	0.188	0.539	0.843	0.850	0.837	0.705	0.428	0.000	0.000	0.000
8	0.000	0.000	0.196	0.552	0.849	0.850	0.835	0.698	0.417	0.000	0.000	0.000
9	0.000	0.000	0.205	0.565	0.850	0.850	0.833	0.691	0.405	0.000	0.000	0.000
10	0.000	0.000	0.214	0.577	0.850	0.850	0.831	0.684	0.394	0.000	0.000	0.000
11	0.000	0.000	0.223	0.589	0.850	0.850	0.828	0.677	0.382	0.000	0.000	0.000
12	0.000	0.000	0.233	0.602	0.850	0.850	0.826	0.670	0.370	0.000	0.000	0.000
13	0.000	0.000	0.242	0.614	0.850	0.850	0.823	0.663	0.358	0.000	0.000	0.000
14	0.000	0.107	0.252	0.626	0.850	0.850	0.820	0.655	0.346	0.000	0.000	0.000
15	0.000	0.106	0.263	0.638	0.850	0.844	0.817	0.647	0.333	0.000	0.000	0.000
16	0.000	0.105	0.273	0.650	0.850	0.845	0.814	0.639	0.321	0.000	0.000	0.000
17	0.000	0.105	0.284	0.661	0.850	0.846	0.810	0.631	0.308	0.000	0.000	0.000
18	0.000	0.106	0.295	0.673	0.850	0.847	0.807	0.623	0.295	0.000	0.000	0.000
19	0.000	0.107	0.306	0.684	0.850	0.848	0.803	0.615	0.282	0.000	0.000	0.000
20	0.000	0.109	0.317	0.695	0.850	0.849	0.799	0.606	0.269	0.000	0.000	0.000
21	0.000	0.111	0.329	0.706	0.850	0.849	0.795	0.598	0.000	0.000	0.000	0.000
22	0.000	0.113	0.341	0.717	0.850	0.850	0.791	0.589	0.000	0.000	0.000	0.000
23	0.000	0.117	0.353	0.727	0.850	0.850	0.787	0.580	0.000	0.000	0.000	0.000
24	0.000	0.120	0.364	0.737	0.850	0.850	0.783	0.571	0.000	0.000	0.000	0.000
25	0.000	0.124	0.377	0.747	0.850	0.850	0.778	0.562	0.000	0.000	0.000	0.000
26	0.000	0.129	0.389	0.757	0.850	0.850	0.773	0.552	0.000	0.000	0.000	0.000
27	0.000	0.134	0.401	0.766	0.850	0.849	0.768	0.543	0.000	0.000	0.000	0.000
28	0.000	0.139	0.413	0.776	0.850	0.849	0.763	0.533	0.000	0.000	0.000	0.000
29	0.000		0.426	0.784	0.850	0.848	0.758	0.523	0.000	0.000	0.000	0.000
30	0.000		0.438	0.793	0.850	0.847	0.753	0.513	0.000	0.000	0.000	0.000
31	0.000		0.451		0.850		0.747	0.503		0.000		0.000

ET calculations for			Sheet AF: Page 1 of 2			2003	CROP ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Herbs-miscellaneous)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Herbs-misc	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07		11.09
(Daily ET values after effective precipitation has been removed)														
(ETo X Kc - eff. precip.)														
Date														
1	0.09	0.12	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06		
2	0.08	0.16	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.07		
3	0.08	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.07		
4	0.08	0.08	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.07		
5	0.11	0.12	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.07		
6	0.19	0.09	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.06		
7	0.11	0.09	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.10		
8	-0.01	0.09	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.11		
9	0.01	0.09	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04		
10	0.05	0.07	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00		
11	0.06	0.08	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.02		
12	0.06	-0.03	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.05		
13	0.06	-0.14	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.05		
14	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.07		
15	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.04	0.10		
16	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.05	0.08		
17	0.09	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.04	0.08		
18	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.05	0.07		
19	0.07	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.06	0.07		
20	0.06	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.05	0.06		
21	0.06	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.08	0.08		
22	0.06	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.13	0.07		
23	0.05	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.08	0.06		
24	0.09	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.06	0.05		
25	0.12	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.06	0.10		
26	0.10	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.05	0.09		
27	0.09	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.09	0.09		
28	0.07	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.07	0.06		
29	0.09		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.07	0.05		
30	0.09		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.05		
31	0.11		0.00		0.00		0.00	0.00		0.06		0.06		

(Daily Kc values)		Sheet AF: Page 2 of 2			2003	CROP ET								
Herbs-misc														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.912	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.804		
2	0.912	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.820		
3	0.912	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.835		
4	0.912	0.912	0.904	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.850		
5	0.912	0.912	0.896	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.866		
6	0.912	0.912	0.888	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.881		
7	0.912	0.912	0.880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.897		
8	0.912	0.912	0.872	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.912		
9	0.912	0.912	0.864	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.466	0.912		
10	0.912	0.912	0.856	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.481	0.912		
11	0.912	0.912	0.848	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.497	0.912		
12	0.912	0.912	0.840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.512	0.912		
13	0.912	0.912	0.832	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.527	0.912		
14	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.543	0.912		
15	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.558	0.912		
16	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.574	0.912		
17	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.589	0.912		
18	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.604	0.912		
19	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.620	0.912		
20	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.635	0.912		
21	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.651	0.912		
22	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.666	0.912		
23	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.681	0.912		
24	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.697	0.912		
25	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.712	0.912		
26	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.727	0.912		
27	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.743	0.912		
28	0.912	0.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.758	0.912		
29	0.912		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.774	0.912		
30	0.912		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.789	0.912		
31	0.912		0.000		0.000		0.000	0.000		0.451		0.912		

ET calculations for			Sheet AT: Page 1 of 2			2003	Phreatophyte ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Wildlife Refuge Moist Soil Unit)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53		60.58
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.10	0.13	0.10	0.27	0.23	0.06	0.29	0.25	0.28	0.21	0.10	0.07		
2	0.09	0.18	0.12	0.25	0.24	0.06	0.29	0.30	0.28	0.23	0.10	0.09		
3	0.09	0.11	0.08	0.19	0.25	0.06	0.29	0.35	0.28	0.18	0.14	0.08		
4	0.09	0.09	0.12	0.21	0.23	0.06	0.29	0.35	0.25	0.16	0.09	0.09		
5	0.12	0.13	0.12	0.20	0.24	0.06	0.32	0.36	0.22	0.17	0.09	0.08		
6	0.21	0.10	0.13	0.17	0.26	0.06	0.33	0.26	0.22	0.15	0.09	0.07		
7	0.12	0.10	0.13	0.21	0.26	0.06	0.32	0.37	0.24	0.16	0.07	0.11		
8	0.06	0.10	0.14	0.22	0.24	0.06	0.35	0.37	0.24	0.18	0.10	0.13		
9	0.06	0.10	0.15	0.24	0.22	0.06	0.33	0.37	0.25	0.20	0.09	0.08		
10	0.06	0.08	0.15	0.22	0.22	0.05	0.41	0.35	0.18	0.18	0.11	0.07		
11	0.07	0.09	0.16	0.23	0.23	0.05	0.39	0.36	0.18	0.16	0.07	0.08		
12	0.07	0.04	0.15	0.21	0.11	0.05	0.38	0.31	0.17	0.16	0.02	0.06		
13	0.07	0.04	0.15	0.23	0.10	0.05	0.39	0.37	0.18	0.18	0.07	0.05		
14	0.07	0.07	0.18	0.23	0.12	0.06	0.38	0.28	0.17	0.17	0.07	0.08		
15	0.09	0.09	0.13	0.22	0.11	0.06	0.32	0.30	0.17	0.20	0.07	0.11		
16	0.09	0.09	0.13	0.19	0.12	0.07	0.39	0.26	0.18	0.17	0.08	0.10		
17	0.10	0.08	0.13	0.24	0.14	0.08	0.37	0.31	0.17	0.18	0.07	0.09		
18	0.10	0.10	0.23	0.20	0.14	0.10	0.31	0.38	0.15	0.18	0.09	0.08		
19	0.08	0.12	0.25	0.21	0.12	0.11	0.33	0.31	0.12	0.18	0.09	0.08		
20	0.07	0.15	0.17	0.22	0.11	0.13	0.36	0.26	0.12	0.17	0.08	0.07		
21	0.07	0.15	0.22	0.27	0.12	0.14	0.40	0.30	0.11	0.15	0.13	0.09		
22	0.07	0.12	0.17	0.25	0.13	0.15	0.39	0.24	0.11	0.17	0.19	0.08		
23	0.06	0.10	0.09	0.13	0.09	0.09	0.15	0.14	0.10	0.15	0.12	0.07		
24	0.10	0.13	0.18	0.24	0.12	0.15	0.28	0.31	0.05	0.18	0.08	0.06		
25	0.13	0.05	0.19	0.26	0.11	0.16	0.28	0.32	0.07	0.28	0.08	0.11		
26	0.11	0.10	0.22	0.24	0.09	0.19	0.21	0.25	0.08	0.19	0.09	0.10		
27	0.10	0.11	0.28	0.28	0.08	0.20	0.33	0.22	0.07	0.14	0.12	0.10		
28	0.08	0.09	0.26	0.27	0.09	0.23	0.21	0.29	0.07	0.14	0.10	0.07		
29	0.10		0.21	0.28	0.09	0.26	0.32	0.32	0.06	0.18	0.09	0.05		
30	0.10		0.19	0.24	0.07	0.27	0.30	0.30	0.06	0.20	0.08	0.06		
31	0.12		0.20		0.06		0.29	0.29		0.14		0.07		

(Daily Kc values)		Sheet AT: Page 2 of 2			2003	Phreatophyte ET						
Moist Soil Unit												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	1.000	1.000	1.000	1.000	1.000	0.180	0.800	1.150	1.070	1.000	1.000	1.000
2	1.000	1.000	1.000	1.000	1.000	0.180	0.840	1.150	1.040	1.000	1.000	1.000
3	1.000	1.000	1.000	1.000	1.000	0.180	0.880	1.150	1.010	1.000	1.000	1.000
4	1.000	1.000	1.000	1.000	1.000	0.180	0.920	1.150	0.980	1.000	1.000	1.000
5	1.000	1.000	1.000	1.000	1.000	0.180	0.960	1.150	0.950	1.000	1.000	1.000
6	1.000	1.000	1.000	1.000	1.000	0.180	0.990	1.150	0.930	1.000	1.000	1.000
7	1.000	1.000	1.000	1.000	1.000	0.180	1.030	1.150	0.900	1.000	1.000	1.000
8	1.000	1.000	1.000	1.000	1.000	0.180	1.070	1.150	0.870	1.000	1.000	1.000
9	1.000	1.000	1.000	1.000	1.000	0.180	1.110	1.150	0.840	1.000	1.000	1.000
10	1.000	1.000	1.000	1.000	1.000	0.180	1.150	1.150	0.810	1.000	1.000	1.000
11	1.000	1.000	1.000	1.000	1.000	0.180	1.150	1.150	0.780	1.000	1.000	1.000
12	1.000	1.000	1.000	1.000	0.440	0.180	1.150	1.150	0.760	1.000	1.000	1.000
13	1.000	1.000	1.000	1.000	0.440	0.180	1.150	1.150	0.730	1.000	1.000	1.000
14	1.000	1.000	1.000	1.000	0.460	0.180	1.150	1.150	0.700	1.000	1.000	1.000
15	1.000	1.000	1.000	1.000	0.440	0.180	1.150	1.150	0.670	1.000	1.000	1.000
16	1.000	1.000	1.000	1.000	0.430	0.220	1.150	1.150	0.640	1.000	1.000	1.000
17	1.000	1.000	1.000	1.000	0.440	0.250	1.150	1.150	0.620	1.000	1.000	1.000
18	1.000	1.000	1.000	1.000	0.440	0.290	1.150	1.150	0.590	1.000	1.000	1.000
19	1.000	1.000	1.000	1.000	0.420	0.330	1.150	1.150	0.560	1.000	1.000	1.000
20	1.000	1.000	1.000	1.000	0.420	0.370	1.150	1.150	0.530	1.000	1.000	1.000
21	1.000	1.000	1.000	1.000	0.400	0.410	1.150	1.150	0.500	1.000	1.000	1.000
22	1.000	1.000	1.000	1.000	0.380	0.450	1.150	1.150	0.480	1.000	1.000	1.000
23	1.000	1.000	0.440	0.600	0.280	0.250	0.550	0.550	0.550	1.000	1.000	1.000
24	1.000	1.000	1.000	1.000	0.340	0.530	1.150	1.150	0.420	1.000	1.000	1.000
25	1.000	1.000	1.000	1.000	0.320	0.570	1.150	1.150	0.390	1.000	1.000	1.000
26	1.000	1.000	1.000	1.000	0.300	0.600	1.150	1.150	0.360	1.000	1.000	1.000
27	1.000	1.000	1.000	1.000	0.280	0.640	1.150	1.150	0.330	1.000	1.000	1.000
28	1.000	1.000	1.000	1.000	0.260	0.680	1.150	1.150	0.310	1.000	1.000	1.000
29	1.000		1.000	1.000	0.240	0.720	1.150	1.150	0.280	1.000	1.000	1.000
30	1.000		1.000	1.000	0.220	0.760	1.150	1.120	0.250	1.000	1.000	1.000
31	1.000		1.000		0.200		1.150	1.090		1.000		1.000

ET calculations for			Sheet AU: Page 1 of 2			2003	Phreatophyte ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified as Wildlife Refuge Seasonal Wetland)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53		43.79
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.10	0.13	0.10	0.12	0.14	0.09	0.10	0.12	0.14	0.21	0.10	0.07		
2	0.09	0.18	0.12	0.12	0.14	0.08	0.11	0.14	0.15	0.23	0.10	0.09		
3	0.09	0.11	0.08	0.09	0.15	0.08	0.11	0.17	0.15	0.18	0.14	0.08		
4	0.09	0.09	0.12	0.10	0.14	0.09	0.12	0.17	0.14	0.16	0.09	0.09		
5	0.12	0.13	0.12	0.10	0.14	0.09	0.13	0.17	0.13	0.17	0.09	0.08		
6	0.21	0.10	0.13	0.09	0.16	0.08	0.14	0.13	0.13	0.15	0.09	0.07		
7	0.12	0.10	0.13	0.11	0.16	0.09	0.14	0.18	0.15	0.16	0.07	0.11		
8	0.06	0.10	0.14	0.12	0.14	0.08	0.16	0.18	0.15	0.18	0.10	0.13		
9	0.06	0.10	0.15	0.13	0.13	0.07	0.16	0.18	0.17	0.20	0.09	0.08		
10	0.06	0.08	0.15	0.13	0.13	0.07	0.20	0.17	0.12	0.18	0.11	0.07		
11	0.07	0.09	0.16	0.14	0.14	0.08	0.19	0.17	0.13	0.16	0.07	0.08		
12	0.07	0.04	0.15	0.13	0.14	0.08	0.18	0.15	0.12	0.16	0.02	0.06		
13	0.07	0.04	0.15	0.14	0.12	0.08	0.19	0.18	0.13	0.18	0.07	0.05		
14	0.07	0.07	0.18	0.14	0.13	0.08	0.18	0.13	0.13	0.17	0.07	0.08		
15	0.09	0.09	0.13	0.13	0.13	0.08	0.15	0.14	0.14	0.20	0.07	0.11		
16	0.09	0.09	0.13	0.11	0.12	0.08	0.19	0.13	0.15	0.17	0.08	0.10		
17	0.10	0.08	0.13	0.14	0.14	0.07	0.18	0.15	0.15	0.18	0.07	0.09		
18	0.10	0.10	0.23	0.12	0.13	0.08	0.15	0.18	0.14	0.18	0.09	0.08		
19	0.08	0.12	0.25	0.13	0.11	0.08	0.16	0.15	0.12	0.18	0.09	0.08		
20	0.07	0.15	0.17	0.13	0.10	0.08	0.17	0.13	0.12	0.17	0.08	0.07		
21	0.07	0.15	0.22	0.16	0.10	0.08	0.19	0.14	0.12	0.15	0.13	0.09		
22	0.07	0.12	0.07	0.15	0.10	0.08	0.19	0.12	0.13	0.17	0.19	0.08		
23	0.06	0.10	0.09	0.13	0.09	0.09	0.15	0.14	0.10	0.15	0.12	0.07		
24	0.10	0.13	0.08	0.14	0.09	0.08	0.13	0.15	0.07	0.18	0.08	0.06		
25	0.13	0.05	0.08	0.16	0.09	0.08	0.13	0.15	0.10	0.28	0.08	0.11		
26	0.11	0.10	0.09	0.14	0.08	0.08	0.10	0.12	0.12	0.19	0.09	0.10		
27	0.10	0.11	0.12	0.17	0.09	0.09	0.16	0.10	0.12	0.14	0.12	0.10		
28	0.08	0.09	0.11	0.16	0.10	0.10	0.10	0.14	0.12	0.14	0.10	0.07		
29	0.10		0.09	0.17	0.10	0.10	0.15	0.15	0.12	0.18	0.09	0.05		
30	0.10		0.08	0.14	0.08	0.09	0.14	0.15	0.12	0.20	0.08	0.06		
31	0.12		0.09		0.08		0.14	0.15		0.14		0.07		

(Daily Kc values)		Sheet AU: Page 2 of 2			2003	Phreatophyte ET								
Seasonal Wetland														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	1.000	1.000	1.000	0.440	0.600	0.280	0.280	0.550	0.550	1.000	1.000	1.000		
2	1.000	1.000	1.000	0.460	0.600	0.260	0.310	0.550	0.550	1.000	1.000	1.000		
3	1.000	1.000	1.000	0.470	0.600	0.240	0.340	0.550	0.550	1.000	1.000	1.000		
4	1.000	1.000	1.000	0.490	0.600	0.270	0.370	0.550	0.550	1.000	1.000	1.000		
5	1.000	1.000	1.000	0.500	0.600	0.280	0.400	0.550	0.550	1.000	1.000	1.000		
6	1.000	1.000	1.000	0.520	0.600	0.260	0.430	0.550	0.550	1.000	1.000	1.000		
7	1.000	1.000	1.000	0.530	0.600	0.260	0.460	0.550	0.550	1.000	1.000	1.000		
8	1.000	1.000	1.000	0.540	0.600	0.240	0.490	0.550	0.550	1.000	1.000	1.000		
9	1.000	1.000	1.000	0.560	0.600	0.230	0.520	0.550	0.550	1.000	1.000	1.000		
10	1.000	1.000	1.000	0.570	0.600	0.270	0.550	0.550	0.550	1.000	1.000	1.000		
11	1.000	1.000	1.000	0.590	0.600	0.280	0.550	0.550	0.550	1.000	1.000	1.000		
12	1.000	1.000	1.000	0.600	0.570	0.270	0.550	0.550	0.550	1.000	1.000	1.000		
13	1.000	1.000	1.000	0.600	0.540	0.280	0.550	0.550	0.550	1.000	1.000	1.000		
14	1.000	1.000	1.000	0.600	0.510	0.260	0.550	0.550	0.550	1.000	1.000	1.000		
15	1.000	1.000	1.000	0.600	0.490	0.250	0.550	0.550	0.550	1.000	1.000	1.000		
16	1.000	1.000	1.000	0.600	0.460	0.250	0.550	0.550	0.550	1.000	1.000	1.000		
17	1.000	1.000	1.000	0.600	0.430	0.240	0.550	0.550	0.550	1.000	1.000	1.000		
18	1.000	1.000	1.000	0.600	0.410	0.240	0.550	0.550	0.550	1.000	1.000	1.000		
19	1.000	1.000	1.000	0.600	0.380	0.230	0.550	0.550	0.550	1.000	1.000	1.000		
20	1.000	1.000	1.000	0.600	0.360	0.240	0.550	0.550	0.550	1.000	1.000	1.000		
21	1.000	1.000	1.000	0.600	0.330	0.240	0.550	0.550	0.550	1.000	1.000	1.000		
22	1.000	1.000	0.440	0.600	0.310	0.250	0.550	0.550	0.550	1.000	1.000	1.000		
23	1.000	1.000	0.440	0.600	0.280	0.250	0.550	0.550	0.550	1.000	1.000	1.000		
24	1.000	1.000	0.460	0.600	0.250	0.260	0.550	0.550	0.550	1.000	1.000	1.000		
25	1.000	1.000	0.440	0.600	0.260	0.270	0.550	0.550	0.550	1.000	1.000	1.000		
26	1.000	1.000	0.430	0.600	0.270	0.260	0.550	0.550	0.550	1.000	1.000	1.000		
27	1.000	1.000	0.440	0.600	0.300	0.270	0.550	0.550	0.550	1.000	1.000	1.000		
28	1.000	1.000	0.440	0.600	0.290	0.280	0.550	0.550	0.550	1.000	1.000	1.000		
29	1.000		0.420	0.600	0.270	0.280	0.550	0.550	0.550	1.000	1.000	1.000		
30	1.000		0.420	0.600	0.260	0.250	0.550	0.550	0.550	1.000	1.000	1.000		
31	1.000		0.430		0.260		0.550	0.550		1.000		1.000		

ET calculations for			Sheet AG: Page 1 of 2			2003	Phreatophyte ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Marsh [40% cattail, bullrush, phragmites{bamboo}])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63		69.43
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.03	0.03	0.03	0.32	0.27	0.37	0.43	0.26	0.31	0.22	0.03	0.02		
2	0.02	0.05	0.04	0.30	0.29	0.37	0.40	0.31	0.32	0.23	0.03	0.02		
3	0.02	0.03	0.03	0.23	0.30	0.39	0.39	0.36	0.33	0.17	0.04	0.02		
4	0.02	0.02	0.05	0.25	0.27	0.38	0.38	0.36	0.31	0.15	0.02	0.02		
5	0.03	0.03	0.05	0.24	0.29	0.38	0.39	0.37	0.27	0.15	0.02	0.02		
6	0.05	0.03	0.06	0.20	0.31	0.37	0.39	0.27	0.29	0.13	0.02	0.02		
7	0.03	0.03	0.06	0.25	0.31	0.39	0.37	0.38	0.32	0.13	0.02	0.03		
8	0.02	0.03	0.07	0.26	0.29	0.39	0.39	0.38	0.33	0.14	0.03	0.03		
9	0.02	0.03	0.08	0.29	0.26	0.37	0.36	0.38	0.36	0.15	0.02	0.02		
10	0.02	0.02	0.09	0.26	0.26	0.32	0.43	0.36	0.26	0.13	0.03	0.02		
11	0.02	0.02	0.10	0.27	0.27	0.36	0.40	0.37	0.27	0.11	0.02	0.02		
12	0.02	0.01	0.09	0.25	0.29	0.34	0.39	0.32	0.26	0.11	0.01	0.02		
13	0.02	0.01	0.10	0.27	0.26	0.36	0.40	0.38	0.29	0.12	0.02	0.01		
14	0.02	0.02	0.12	0.27	0.31	0.37	0.39	0.29	0.29	0.10	0.02	0.02		
15	0.02	0.02	0.09	0.26	0.31	0.38	0.33	0.31	0.31	0.12	0.02	0.03		
16	0.02	0.02	0.10	0.23	0.32	0.38	0.40	0.27	0.33	0.09	0.02	0.03		
17	0.03	0.02	0.10	0.29	0.38	0.36	0.38	0.32	0.33	0.09	0.02	0.02		
18	0.03	0.03	0.19	0.24	0.37	0.39	0.32	0.39	0.31	0.09	0.02	0.02		
19	0.02	0.03	0.21	0.25	0.33	0.39	0.34	0.32	0.25	0.08	0.02	0.02		
20	0.02	0.04	0.15	0.26	0.32	0.42	0.37	0.27	0.26	0.07	0.02	0.02		
21	0.02	0.04	0.20	0.32	0.36	0.40	0.42	0.31	0.26	0.06	0.03	0.02		
22	0.02	0.03	0.16	0.30	0.39	0.39	0.40	0.25	0.27	0.06	0.05	0.02		
23	0.02	0.03	0.19	0.26	0.37	0.43	0.33	0.30	0.21	0.05	0.03	0.02		
24	0.03	0.03	0.18	0.29	0.40	0.34	0.29	0.32	0.15	0.05	0.02	0.02		
25	0.03	0.01	0.20	0.31	0.39	0.33	0.29	0.33	0.23	0.07	0.02	0.03		
26	0.03	0.03	0.23	0.29	0.36	0.37	0.21	0.26	0.25	0.04	0.02	0.03		
27	0.03	0.03	0.31	0.33	0.36	0.38	0.34	0.23	0.24	0.04	0.03	0.03		
28	0.02	0.02	0.29	0.32	0.39	0.40	0.21	0.30	0.25	0.04	0.03	0.02		
29	0.03		0.24	0.33	0.43	0.43	0.33	0.33	0.23	0.05	0.02	0.01		
30	0.03		0.23	0.29	0.38	0.43	0.31	0.32	0.23	0.05	0.02	0.02		
31	0.03		0.24		0.38		0.30	0.32		0.04		0.02		

(Daily Kc values)		Sheet AG: Page 2 of 2			2003	Phreatophyte ET								
Marsh														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.260	0.260	0.291	1.189	1.189	1.189	1.189	1.189	1.189	1.028	0.250	0.250		
2	0.260	0.260	0.322	1.189	1.189	1.189	1.189	1.189	1.189	0.996	0.250	0.250		
3	0.260	0.260	0.353	1.189	1.189	1.189	1.189	1.189	1.189	0.964	0.250	0.250		
4	0.260	0.260	0.384	1.189	1.189	1.189	1.189	1.189	1.189	0.932	0.250	0.250		
5	0.260	0.260	0.415	1.189	1.189	1.189	1.189	1.189	1.189	0.899	0.250	0.250		
6	0.260	0.260	0.446	1.189	1.189	1.189	1.189	1.189	1.189	0.867	0.250	0.250		
7	0.260	0.260	0.477	1.189	1.189	1.189	1.189	1.189	1.189	0.835	0.250	0.250		
8	0.260	0.260	0.508	1.189	1.189	1.189	1.189	1.189	1.189	0.803	0.250	0.250		
9	0.260	0.260	0.539	1.189	1.189	1.189	1.189	1.189	1.189	0.771	0.250	0.250		
10	0.260	0.260	0.569	1.189	1.189	1.189	1.189	1.189	1.189	0.739	0.250	0.250		
11	0.260	0.260	0.600	1.189	1.189	1.189	1.189	1.189	1.189	0.707	0.250	0.250		
12	0.260	0.260	0.631	1.189	1.189	1.189	1.189	1.189	1.189	0.675	0.250	0.250		
13	0.260	0.260	0.662	1.189	1.189	1.189	1.189	1.189	1.189	0.643	0.250	0.250		
14	0.260	0.260	0.693	1.189	1.189	1.189	1.189	1.189	1.189	0.610	0.250	0.250		
15	0.260	0.260	0.724	1.189	1.189	1.189	1.189	1.189	1.189	0.578	0.250	0.250		
16	0.260	0.260	0.755	1.189	1.189	1.189	1.189	1.189	1.189	0.546	0.250	0.250		
17	0.260	0.260	0.786	1.189	1.189	1.189	1.189	1.189	1.189	0.514	0.250	0.250		
18	0.260	0.260	0.817	1.189	1.189	1.189	1.189	1.189	1.189	0.482	0.250	0.250		
19	0.260	0.260	0.848	1.189	1.189	1.189	1.189	1.189	1.189	0.450	0.250	0.250		
20	0.260	0.260	0.879	1.189	1.189	1.189	1.189	1.189	1.189	0.418	0.250	0.250		
21	0.260	0.260	0.910	1.189	1.189	1.189	1.189	1.189	1.189	0.386	0.250	0.250		
22	0.260	0.260	0.941	1.189	1.189	1.189	1.189	1.189	1.189	0.353	0.250	0.250		
23	0.260	0.260	0.972	1.189	1.189	1.189	1.189	1.189	1.189	0.321	0.250	0.250		
24	0.260	0.260	1.003	1.189	1.189	1.189	1.189	1.189	1.189	0.289	0.250	0.250		
25	0.260	0.260	1.034	1.189	1.189	1.189	1.189	1.189	1.189	0.257	0.250	0.250		
26	0.260	0.260	1.065	1.189	1.189	1.189	1.189	1.189	1.189	0.225	0.250	0.250		
27	0.260	0.260	1.096	1.189	1.189	1.189	1.189	1.189	1.156	0.250	0.250	0.250		
28	0.260	0.260	1.127	1.189	1.189	1.189	1.189	1.189	1.124	0.250	0.250	0.250		
29	0.260		1.158	1.189	1.189	1.189	1.189	1.189	1.092	0.250	0.250	0.250		
30	0.260		1.189	1.189	1.189	1.189	1.189	1.189	1.060	0.250	0.250	0.250		
31	0.260		1.189		1.189		1.189	1.189		0.250		0.250		

ET calculations for			Sheet AH: Page 1 of 2			2003	Phreatophyte ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Barren [<= 10% vegetation])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73		12.17
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.03	0.04	0.03	0.05	0.03	0.04	0.05	0.03	0.04	0.03	0.02	0.02		
2	0.03	0.06	0.04	0.04	0.03	0.04	0.05	0.04	0.04	0.03	0.02	0.02		
3	0.03	0.04	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.02	0.03	0.02		
4	0.03	0.03	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.02	0.02	0.02		
5	0.04	0.04	0.04	0.03	0.03	0.04	0.04	0.04	0.03	0.02	0.02	0.02		
6	0.07	0.03	0.04	0.03	0.04	0.04	0.04	0.03	0.03	0.02	0.02	0.02		
7	0.04	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.02	0.01	0.03		
8	0.02	0.03	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.02	0.02	0.04		
9	0.02	0.03	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.03	0.02	0.02		
10	0.02	0.03	0.04	0.03	0.03	0.04	0.05	0.04	0.03	0.02	0.02	0.02		
11	0.02	0.03	0.05	0.03	0.03	0.04	0.05	0.04	0.03	0.02	0.01	0.02		
12	0.02	0.01	0.04	0.03	0.03	0.04	0.04	0.04	0.03	0.02	0.00	0.02		
13	0.02	0.01	0.04	0.03	0.03	0.04	0.05	0.04	0.03	0.02	0.01	0.01		
14	0.02	0.02	0.05	0.03	0.04	0.04	0.04	0.03	0.03	0.02	0.01	0.02		
15	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.03	0.02	0.03		
16	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.03	0.04	0.02	0.02	0.03		
17	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.03	0.02	0.03		
18	0.03	0.03	0.06	0.03	0.04	0.04	0.04	0.04	0.04	0.03	0.02	0.02		
19	0.03	0.04	0.06	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.02	0.02		
20	0.02	0.05	0.04	0.03	0.04	0.05	0.04	0.03	0.03	0.03	0.02	0.02		
21	0.02	0.05	0.05	0.04	0.04	0.05	0.05	0.04	0.03	0.02	0.03	0.03		
22	0.02	0.04	0.04	0.03	0.04	0.04	0.05	0.03	0.03	0.03	0.04	0.02		
23	0.02	0.03	0.04	0.03	0.04	0.05	0.04	0.03	0.02	0.02	0.03	0.02		
24	0.03	0.04	0.04	0.03	0.05	0.04	0.03	0.04	0.02	0.03	0.02	0.02		
25	0.04	0.02	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.05	0.02	0.03		
26	0.04	0.03	0.05	0.03	0.04	0.04	0.02	0.03	0.03	0.03	0.02	0.03		
27	0.03	0.04	0.06	0.04	0.04	0.04	0.04	0.03	0.03	0.02	0.03	0.03		
28	0.03	0.03	0.05	0.04	0.04	0.05	0.02	0.03	0.03	0.02	0.02	0.02		
29	0.03		0.04	0.04	0.05	0.05	0.04	0.04	0.03	0.03	0.02	0.02		
30	0.03		0.04	0.03	0.04	0.05	0.04	0.04	0.03	0.04	0.02	0.02		
31	0.04		0.04		0.04		0.03	0.04		0.03		0.02		

(Daily Kc values)		Sheet AH: Page 2 of 2			2003	Phreatophyte ET								
Barren														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.331	0.331	0.331	0.180	0.136	0.136	0.136	0.136	0.136	0.136	0.183	0.254		
2	0.331	0.331	0.326	0.175	0.136	0.136	0.136	0.136	0.136	0.136	0.186	0.257		
3	0.331	0.331	0.321	0.170	0.136	0.136	0.136	0.136	0.136	0.136	0.188	0.259		
4	0.331	0.331	0.316	0.165	0.136	0.136	0.136	0.136	0.136	0.136	0.190	0.261		
5	0.331	0.331	0.311	0.160	0.136	0.136	0.136	0.136	0.136	0.136	0.193	0.264		
6	0.331	0.331	0.306	0.156	0.136	0.136	0.136	0.136	0.136	0.136	0.195	0.266		
7	0.331	0.331	0.302	0.151	0.136	0.136	0.136	0.136	0.136	0.136	0.197	0.268		
8	0.331	0.331	0.297	0.146	0.136	0.136	0.136	0.136	0.136	0.136	0.200	0.271		
9	0.331	0.331	0.292	0.141	0.136	0.136	0.136	0.136	0.136	0.136	0.202	0.273		
10	0.331	0.331	0.287	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.205	0.275		
11	0.331	0.331	0.282	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.207	0.278		
12	0.331	0.331	0.277	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.209	0.280		
13	0.331	0.331	0.272	0.136	0.136	0.136	0.136	0.136	0.136	0.138	0.212	0.282		
14	0.331	0.331	0.267	0.136	0.136	0.136	0.136	0.136	0.136	0.141	0.214	0.285		
15	0.331	0.331	0.263	0.136	0.136	0.136	0.136	0.136	0.136	0.143	0.216	0.287		
16	0.331	0.331	0.258	0.136	0.136	0.136	0.136	0.136	0.136	0.145	0.219	0.290		
17	0.331	0.331	0.253	0.136	0.136	0.136	0.136	0.136	0.136	0.148	0.221	0.292		
18	0.331	0.331	0.248	0.136	0.136	0.136	0.136	0.136	0.136	0.150	0.223	0.294		
19	0.331	0.331	0.243	0.136	0.136	0.136	0.136	0.136	0.136	0.153	0.226	0.297		
20	0.331	0.331	0.238	0.136	0.136	0.136	0.136	0.136	0.136	0.155	0.228	0.299		
21	0.331	0.331	0.233	0.136	0.136	0.136	0.136	0.136	0.136	0.157	0.231	0.301		
22	0.331	0.331	0.229	0.136	0.136	0.136	0.136	0.136	0.136	0.160	0.233	0.304		
23	0.331	0.331	0.224	0.136	0.136	0.136	0.136	0.136	0.136	0.162	0.235	0.306		
24	0.331	0.331	0.219	0.136	0.136	0.136	0.136	0.136	0.136	0.164	0.238	0.308		
25	0.331	0.331	0.214	0.136	0.136	0.136	0.136	0.136	0.136	0.167	0.240	0.311		
26	0.331	0.331	0.209	0.136	0.136	0.136	0.136	0.136	0.136	0.169	0.242	0.313		
27	0.331	0.331	0.204	0.136	0.136	0.136	0.136	0.136	0.136	0.171	0.245	0.316		
28	0.331	0.331	0.199	0.136	0.136	0.136	0.136	0.136	0.136	0.174	0.247	0.318		
29	0.331		0.194	0.136	0.136	0.136	0.136	0.136	0.136	0.176	0.249	0.320		
30	0.331		0.190	0.136	0.136	0.136	0.136	0.136	0.136	0.179	0.252	0.323		
31	0.331		0.185		0.136		0.136	0.136		0.181		0.325		

ET calculations for			Sheet AI: Page 1 of 2			2003	Phreatophyte ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Sc-low [11-60% salt cedar & <= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51		55.03
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.03	0.04	0.03	0.13	0.17	0.30	0.35	0.21	0.25	0.19	0.06	0.02		
2	0.03	0.06	0.04	0.12	0.18	0.30	0.33	0.25	0.26	0.21	0.06	0.02		
3	0.03	0.04	0.03	0.09	0.19	0.32	0.32	0.29	0.27	0.16	0.08	0.02		
4	0.03	0.03	0.04	0.11	0.18	0.31	0.31	0.29	0.25	0.14	0.05	0.02		
5	0.04	0.04	0.04	0.10	0.19	0.31	0.32	0.30	0.22	0.15	0.05	0.01		
6	0.07	0.03	0.04	0.09	0.21	0.30	0.32	0.22	0.23	0.13	0.05	0.01		
7	0.04	0.03	0.04	0.11	0.21	0.32	0.30	0.31	0.26	0.14	0.04	0.02		
8	0.02	0.03	0.05	0.12	0.20	0.32	0.32	0.31	0.27	0.15	0.05	0.03		
9	0.02	0.03	0.05	0.13	0.18	0.30	0.29	0.31	0.29	0.17	0.04	0.02		
10	0.02	0.03	0.05	0.12	0.18	0.26	0.35	0.29	0.21	0.15	0.05	0.01		
11	0.02	0.03	0.05	0.13	0.19	0.29	0.33	0.30	0.22	0.13	0.03	0.02		
12	0.02	0.01	0.05	0.12	0.20	0.28	0.32	0.26	0.21	0.13	0.01	0.01		
13	0.02	0.01	0.05	0.14	0.19	0.29	0.33	0.31	0.23	0.14	0.03	0.01		
14	0.02	0.02	0.06	0.14	0.23	0.30	0.32	0.23	0.23	0.13	0.03	0.02		
15	0.03	0.03	0.04	0.13	0.23	0.31	0.27	0.25	0.25	0.15	0.03	0.02		
16	0.03	0.03	0.04	0.12	0.24	0.31	0.33	0.22	0.27	0.13	0.03	0.02		
17	0.03	0.03	0.04	0.15	0.29	0.29	0.31	0.26	0.27	0.13	0.03	0.02		
18	0.03	0.03	0.08	0.13	0.28	0.32	0.26	0.32	0.25	0.13	0.03	0.02		
19	0.03	0.04	0.09	0.14	0.26	0.32	0.28	0.26	0.20	0.13	0.03	0.02		
20	0.02	0.05	0.06	0.14	0.25	0.34	0.30	0.22	0.21	0.12	0.03	0.01		
21	0.02	0.05	0.08	0.18	0.28	0.33	0.34	0.25	0.21	0.11	0.04	0.02		
22	0.02	0.04	0.07	0.17	0.31	0.32	0.33	0.20	0.22	0.12	0.06	0.02		
23	0.02	0.03	0.08	0.15	0.30	0.35	0.27	0.24	0.18	0.10	0.04	0.01		
24	0.03	0.04	0.07	0.17	0.33	0.28	0.23	0.26	0.13	0.12	0.02	0.01		
25	0.04	0.02	0.08	0.18	0.32	0.27	0.23	0.27	0.19	0.18	0.02	0.02		
26	0.04	0.03	0.09	0.17	0.29	0.30	0.18	0.21	0.20	0.12	0.03	0.02		
27	0.03	0.04	0.12	0.20	0.29	0.31	0.28	0.19	0.20	0.09	0.03	0.02		
28	0.03	0.03	0.11	0.20	0.32	0.33	0.18	0.24	0.21	0.09	0.03	0.01		
29	0.03		0.09	0.21	0.35	0.35	0.27	0.27	0.20	0.11	0.02	0.01		
30	0.03		0.09	0.18	0.31	0.35	0.25	0.26	0.21	0.12	0.02	0.01		
31	0.04		0.09		0.31		0.24	0.26		0.08		0.01		

(Daily Kc values)		Sheet AI: Page 2 of 2			2003	Phreatophyte ET						
Sc-low												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.478	0.753	0.974	0.974	0.974	0.974	0.928	0.574	0.232
2	0.331	0.331	0.331	0.487	0.762	0.974	0.974	0.974	0.974	0.916	0.563	0.221
3	0.331	0.331	0.331	0.496	0.772	0.974	0.974	0.974	0.974	0.905	0.551	0.209
4	0.331	0.331	0.331	0.505	0.781	0.974	0.974	0.974	0.974	0.894	0.540	0.198
5	0.331	0.331	0.331	0.514	0.790	0.974	0.974	0.974	0.974	0.882	0.529	0.186
6	0.331	0.331	0.331	0.524	0.799	0.974	0.974	0.974	0.974	0.871	0.517	0.175
7	0.331	0.331	0.331	0.533	0.808	0.974	0.974	0.974	0.974	0.859	0.506	0.200
8	0.331	0.331	0.331	0.542	0.817	0.974	0.974	0.974	0.974	0.848	0.494	0.200
9	0.331	0.331	0.331	0.551	0.827	0.974	0.974	0.974	0.974	0.837	0.483	0.200
10	0.331	0.331	0.331	0.560	0.836	0.974	0.974	0.974	0.974	0.825	0.472	0.200
11	0.331	0.331	0.331	0.570	0.845	0.974	0.974	0.974	0.974	0.814	0.460	0.200
12	0.331	0.331	0.331	0.579	0.854	0.974	0.974	0.974	0.974	0.802	0.449	0.200
13	0.331	0.331	0.331	0.588	0.863	0.974	0.974	0.974	0.974	0.791	0.437	0.200
14	0.331	0.331	0.331	0.597	0.873	0.974	0.974	0.974	0.974	0.780	0.426	0.200
15	0.331	0.331	0.331	0.606	0.882	0.974	0.974	0.974	0.974	0.768	0.415	0.200
16	0.331	0.331	0.331	0.615	0.891	0.974	0.974	0.974	0.974	0.757	0.403	0.200
17	0.331	0.331	0.340	0.625	0.900	0.974	0.974	0.974	0.974	0.745	0.392	0.200
18	0.331	0.331	0.349	0.634	0.909	0.974	0.974	0.974	0.974	0.734	0.380	0.200
19	0.331	0.331	0.358	0.643	0.918	0.974	0.974	0.974	0.974	0.723	0.369	0.200
20	0.331	0.331	0.368	0.652	0.928	0.974	0.974	0.974	0.974	0.711	0.358	0.200
21	0.331	0.331	0.377	0.661	0.937	0.974	0.974	0.974	0.974	0.700	0.346	0.200
22	0.331	0.331	0.386	0.671	0.946	0.974	0.974	0.974	0.974	0.688	0.335	0.200
23	0.331	0.331	0.395	0.680	0.955	0.974	0.974	0.974	0.974	0.677	0.323	0.200
24	0.331	0.331	0.404	0.689	0.964	0.974	0.974	0.974	0.974	0.666	0.312	0.200
25	0.331	0.331	0.413	0.698	0.974	0.974	0.974	0.974	0.974	0.654	0.300	0.200
26	0.331	0.331	0.423	0.707	0.974	0.974	0.974	0.974	0.974	0.643	0.289	0.200
27	0.331	0.331	0.432	0.716	0.974	0.974	0.974	0.974	0.974	0.631	0.278	0.200
28	0.331	0.331	0.441	0.726	0.974	0.974	0.974	0.974	0.962	0.620	0.266	0.200
29	0.331		0.450	0.735	0.974	0.974	0.974	0.974	0.951	0.608	0.255	0.200
30	0.331		0.459	0.744	0.974	0.974	0.974	0.974	0.939	0.597	0.243	0.200
31	0.331		0.469		0.974		0.974	0.974		0.586		0.200

ET calculations for			Sheet AJ: Page 1 of 2			2003	Phreatophyte ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Sc-high [61-100% salt cedar & <= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51		62.47
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.03	0.04	0.03	0.16	0.21	0.34	0.39	0.24	0.29	0.22	0.06	0.02		
2	0.03	0.06	0.04	0.15	0.22	0.34	0.37	0.29	0.30	0.24	0.06	0.02		
3	0.03	0.04	0.03	0.12	0.23	0.36	0.36	0.33	0.31	0.18	0.09	0.02		
4	0.03	0.03	0.04	0.13	0.21	0.35	0.35	0.33	0.29	0.16	0.05	0.02		
5	0.04	0.04	0.04	0.13	0.23	0.35	0.36	0.34	0.25	0.17	0.05	0.02		
6	0.07	0.03	0.04	0.11	0.25	0.34	0.36	0.25	0.26	0.15	0.05	0.01		
7	0.04	0.03	0.04	0.14	0.25	0.36	0.34	0.35	0.30	0.15	0.04	0.02		
8	0.02	0.03	0.05	0.15	0.23	0.36	0.36	0.35	0.31	0.17	0.05	0.03		
9	0.02	0.03	0.05	0.16	0.22	0.34	0.33	0.35	0.33	0.19	0.05	0.02		
10	0.02	0.03	0.06	0.15	0.22	0.30	0.39	0.33	0.24	0.17	0.06	0.01		
11	0.02	0.03	0.06	0.16	0.23	0.33	0.37	0.34	0.25	0.15	0.04	0.02		
12	0.02	0.01	0.06	0.15	0.24	0.32	0.36	0.30	0.24	0.14	0.01	0.01		
13	0.02	0.01	0.06	0.17	0.23	0.33	0.37	0.35	0.26	0.16	0.03	0.01		
14	0.02	0.02	0.07	0.17	0.27	0.34	0.36	0.26	0.26	0.15	0.03	0.02		
15	0.03	0.03	0.05	0.16	0.27	0.35	0.31	0.29	0.29	0.17	0.03	0.02		
16	0.03	0.03	0.06	0.14	0.29	0.35	0.37	0.25	0.31	0.14	0.04	0.02		
17	0.03	0.03	0.06	0.18	0.34	0.33	0.35	0.30	0.31	0.15	0.03	0.02		
18	0.03	0.03	0.10	0.15	0.33	0.36	0.30	0.36	0.29	0.15	0.04	0.02		
19	0.03	0.04	0.12	0.16	0.30	0.36	0.32	0.30	0.23	0.15	0.04	0.02		
20	0.02	0.05	0.08	0.17	0.30	0.38	0.34	0.25	0.24	0.13	0.03	0.01		
21	0.02	0.05	0.11	0.22	0.33	0.37	0.38	0.29	0.24	0.12	0.05	0.02		
22	0.02	0.04	0.08	0.20	0.36	0.36	0.37	0.23	0.25	0.13	0.07	0.02		
23	0.02	0.03	0.10	0.18	0.34	0.39	0.31	0.27	0.20	0.11	0.04	0.01		
24	0.03	0.04	0.09	0.20	0.37	0.32	0.26	0.30	0.14	0.13	0.03	0.01		
25	0.04	0.02	0.10	0.22	0.36	0.31	0.26	0.31	0.21	0.20	0.03	0.02		
26	0.04	0.03	0.12	0.20	0.33	0.34	0.20	0.24	0.23	0.14	0.03	0.02		
27	0.03	0.04	0.15	0.24	0.33	0.35	0.32	0.21	0.23	0.10	0.04	0.02		
28	0.03	0.03	0.14	0.24	0.36	0.37	0.20	0.27	0.24	0.10	0.03	0.01		
29	0.03		0.12	0.25	0.39	0.39	0.31	0.31	0.22	0.12	0.02	0.01		
30	0.03		0.11	0.21	0.35	0.39	0.29	0.30	0.23	0.13	0.02	0.01		
31	0.04		0.12		0.35		0.27	0.30		0.09		0.01		

(Daily Kc values)		Sheet AJ: Page 2 of 2			2003	Phreatophyte ET						
Sc-high												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.596	0.903	1.097	1.097	1.097	1.097	1.044	0.636	0.241
2	0.331	0.331	0.331	0.606	0.913	1.097	1.097	1.097	1.097	1.031	0.623	0.228
3	0.331	0.331	0.331	0.617	0.923	1.097	1.097	1.097	1.097	1.018	0.609	0.214
4	0.331	0.331	0.331	0.627	0.933	1.097	1.097	1.097	1.097	1.004	0.596	0.201
5	0.331	0.331	0.331	0.637	0.943	1.097	1.097	1.097	1.097	0.991	0.583	0.188
6	0.331	0.331	0.331	0.647	0.954	1.097	1.097	1.097	1.097	0.978	0.570	0.175
7	0.331	0.331	0.341	0.658	0.964	1.097	1.097	1.097	1.097	0.965	0.557	0.200
8	0.331	0.331	0.351	0.668	0.974	1.097	1.097	1.097	1.097	0.952	0.544	0.200
9	0.331	0.331	0.361	0.678	0.984	1.097	1.097	1.097	1.097	0.939	0.530	0.200
10	0.331	0.331	0.372	0.688	0.994	1.097	1.097	1.097	1.097	0.925	0.517	0.200
11	0.331	0.331	0.382	0.698	1.005	1.097	1.097	1.097	1.097	0.912	0.504	0.200
12	0.331	0.331	0.392	0.709	1.015	1.097	1.097	1.097	1.097	0.899	0.491	0.200
13	0.331	0.331	0.402	0.719	1.025	1.097	1.097	1.097	1.097	0.886	0.478	0.200
14	0.331	0.331	0.412	0.729	1.035	1.097	1.097	1.097	1.097	0.873	0.465	0.200
15	0.331	0.331	0.423	0.739	1.046	1.097	1.097	1.097	1.097	0.860	0.451	0.200
16	0.331	0.331	0.433	0.749	1.056	1.097	1.097	1.097	1.097	0.846	0.438	0.200
17	0.331	0.331	0.443	0.760	1.066	1.097	1.097	1.097	1.097	0.833	0.425	0.200
18	0.331	0.331	0.453	0.770	1.076	1.097	1.097	1.097	1.097	0.820	0.412	0.200
19	0.331	0.331	0.464	0.780	1.086	1.097	1.097	1.097	1.097	0.807	0.399	0.200
20	0.331	0.331	0.474	0.790	1.097	1.097	1.097	1.097	1.097	0.794	0.386	0.200
21	0.331	0.331	0.484	0.800	1.097	1.097	1.097	1.097	1.097	0.781	0.372	0.200
22	0.331	0.331	0.494	0.811	1.097	1.097	1.097	1.097	1.097	0.767	0.359	0.200
23	0.331	0.331	0.504	0.821	1.097	1.097	1.097	1.097	1.097	0.754	0.346	0.200
24	0.331	0.331	0.515	0.831	1.097	1.097	1.097	1.097	1.097	0.741	0.333	0.200
25	0.331	0.331	0.525	0.841	1.097	1.097	1.097	1.097	1.097	0.728	0.320	0.200
26	0.331	0.331	0.535	0.852	1.097	1.097	1.097	1.097	1.097	0.715	0.307	0.200
27	0.331	0.331	0.545	0.862	1.097	1.097	1.097	1.097	1.097	0.702	0.293	0.200
28	0.331	0.331	0.555	0.872	1.097	1.097	1.097	1.097	1.083	0.688	0.280	0.200
29	0.331		0.566	0.882	1.097	1.097	1.097	1.097	1.070	0.675	0.267	0.200
30	0.331		0.576	0.892	1.097	1.097	1.097	1.097	1.057	0.662	0.254	0.200
31	0.331		0.586		1.097		1.097	1.097		0.649		0.200

ET calculations for			Sheet AK: Page 1 of 2			2003	Phreatophyte ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Sc/ms [11-60% salt cedar & 11-60% mesquite & <= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51		66.10
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.03	0.04	0.03	0.17	0.22	0.36	0.42	0.26	0.30	0.23	0.07	0.02		
2	0.03	0.06	0.04	0.16	0.23	0.36	0.40	0.30	0.32	0.25	0.07	0.02		
3	0.03	0.04	0.03	0.12	0.24	0.39	0.39	0.35	0.33	0.19	0.09	0.02		
4	0.03	0.03	0.04	0.14	0.23	0.37	0.37	0.35	0.30	0.17	0.06	0.02		
5	0.04	0.04	0.04	0.13	0.24	0.37	0.39	0.36	0.27	0.18	0.06	0.02		
6	0.07	0.03	0.04	0.11	0.26	0.36	0.39	0.27	0.28	0.16	0.05	0.01		
7	0.04	0.03	0.04	0.14	0.27	0.39	0.36	0.37	0.32	0.16	0.04	0.02		
8	0.02	0.03	0.05	0.15	0.25	0.39	0.39	0.37	0.33	0.18	0.06	0.03		
9	0.02	0.03	0.05	0.17	0.23	0.36	0.35	0.37	0.35	0.20	0.05	0.02		
10	0.02	0.03	0.06	0.16	0.23	0.32	0.42	0.35	0.26	0.18	0.06	0.01		
11	0.02	0.03	0.06	0.17	0.25	0.35	0.40	0.36	0.27	0.15	0.04	0.02		
12	0.02	0.01	0.06	0.16	0.26	0.34	0.39	0.32	0.26	0.15	0.01	0.01		
13	0.02	0.01	0.06	0.17	0.24	0.35	0.40	0.37	0.28	0.17	0.04	0.01		
14	0.02	0.02	0.08	0.18	0.29	0.36	0.39	0.28	0.28	0.16	0.03	0.02		
15	0.03	0.03	0.06	0.17	0.29	0.37	0.33	0.30	0.30	0.18	0.03	0.02		
16	0.03	0.03	0.06	0.15	0.30	0.37	0.40	0.27	0.33	0.15	0.04	0.02		
17	0.03	0.03	0.06	0.19	0.36	0.35	0.37	0.32	0.33	0.16	0.03	0.02		
18	0.03	0.03	0.11	0.16	0.35	0.39	0.32	0.39	0.30	0.16	0.04	0.02		
19	0.03	0.04	0.12	0.17	0.32	0.39	0.34	0.32	0.25	0.15	0.04	0.02		
20	0.02	0.05	0.08	0.18	0.32	0.41	0.36	0.27	0.26	0.14	0.03	0.01		
21	0.02	0.05	0.11	0.23	0.35	0.40	0.41	0.30	0.26	0.12	0.05	0.02		
22	0.02	0.04	0.09	0.21	0.39	0.39	0.40	0.25	0.27	0.14	0.07	0.02		
23	0.02	0.03	0.10	0.19	0.36	0.42	0.33	0.29	0.21	0.12	0.04	0.01		
24	0.03	0.04	0.10	0.21	0.40	0.34	0.28	0.32	0.15	0.14	0.03	0.01		
25	0.04	0.02	0.10	0.23	0.39	0.33	0.28	0.33	0.22	0.22	0.03	0.02		
26	0.04	0.03	0.12	0.22	0.35	0.36	0.21	0.26	0.25	0.14	0.03	0.02		
27	0.03	0.04	0.16	0.25	0.35	0.37	0.34	0.22	0.25	0.10	0.04	0.02		
28	0.03	0.03	0.15	0.25	0.39	0.40	0.21	0.29	0.25	0.10	0.03	0.01		
29	0.03		0.12	0.26	0.42	0.42	0.33	0.33	0.24	0.13	0.02	0.01		
30	0.03		0.11	0.23	0.37	0.42	0.30	0.32	0.25	0.14	0.02	0.01		
31	0.04		0.12		0.37		0.29	0.32		0.10		0.01		

(Daily Kc values)		Sheet AK: Page 2 of 2			2003	Phreatophyte ET						
Sc/ms												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.621	0.955	1.167	1.167	1.167	1.167	1.110	0.671	0.246
2	0.331	0.331	0.331	0.632	0.966	1.167	1.167	1.167	1.167	1.096	0.657	0.232
3	0.331	0.331	0.331	0.643	0.977	1.167	1.167	1.167	1.167	1.082	0.642	0.217
4	0.331	0.331	0.331	0.654	0.988	1.167	1.167	1.167	1.167	1.067	0.628	0.203
5	0.331	0.331	0.331	0.665	0.999	1.167	1.167	1.167	1.167	1.053	0.614	0.189
6	0.331	0.331	0.331	0.676	1.011	1.167	1.167	1.167	1.167	1.039	0.600	0.175
7	0.331	0.331	0.342	0.687	1.022	1.167	1.167	1.167	1.167	1.025	0.586	0.200
8	0.331	0.331	0.353	0.699	1.033	1.167	1.167	1.167	1.167	1.011	0.572	0.200
9	0.331	0.331	0.364	0.710	1.044	1.167	1.167	1.167	1.167	0.997	0.557	0.200
10	0.331	0.331	0.375	0.721	1.055	1.167	1.167	1.167	1.167	0.982	0.543	0.200
11	0.331	0.331	0.386	0.732	1.066	1.167	1.167	1.167	1.167	0.968	0.529	0.200
12	0.331	0.331	0.398	0.743	1.077	1.167	1.167	1.167	1.167	0.954	0.515	0.200
13	0.331	0.331	0.409	0.754	1.089	1.167	1.167	1.167	1.167	0.940	0.501	0.200
14	0.331	0.331	0.420	0.765	1.100	1.167	1.167	1.167	1.167	0.926	0.487	0.200
15	0.331	0.331	0.431	0.777	1.111	1.167	1.167	1.167	1.167	0.912	0.472	0.200
16	0.331	0.331	0.442	0.788	1.122	1.167	1.167	1.167	1.167	0.897	0.458	0.200
17	0.331	0.331	0.453	0.799	1.133	1.167	1.167	1.167	1.167	0.883	0.444	0.200
18	0.331	0.331	0.465	0.810	1.144	1.167	1.167	1.167	1.167	0.869	0.430	0.200
19	0.331	0.331	0.476	0.821	1.155	1.167	1.167	1.167	1.167	0.855	0.416	0.200
20	0.331	0.331	0.487	0.832	1.167	1.167	1.167	1.167	1.167	0.841	0.402	0.200
21	0.331	0.331	0.498	0.843	1.167	1.167	1.167	1.167	1.167	0.827	0.387	0.200
22	0.331	0.331	0.509	0.855	1.167	1.167	1.167	1.167	1.167	0.812	0.373	0.200
23	0.331	0.331	0.520	0.866	1.167	1.167	1.167	1.167	1.167	0.798	0.359	0.200
24	0.331	0.331	0.531	0.877	1.167	1.167	1.167	1.167	1.167	0.784	0.345	0.200
25	0.331	0.331	0.543	0.888	1.167	1.167	1.167	1.167	1.167	0.770	0.331	0.200
26	0.331	0.331	0.554	0.899	1.167	1.167	1.167	1.167	1.167	0.756	0.317	0.200
27	0.331	0.331	0.565	0.910	1.167	1.167	1.167	1.167	1.167	0.742	0.302	0.200
28	0.331	0.331	0.576	0.921	1.167	1.167	1.167	1.167	1.152	0.727	0.288	0.200
29	0.331		0.587	0.933	1.167	1.167	1.167	1.167	1.138	0.713	0.274	0.200
30	0.331		0.598	0.944	1.167	1.167	1.167	1.167	1.124	0.699	0.260	0.200
31	0.331		0.609		1.167		1.167	1.167		0.685		0.200

ET calculations for			Sheet AL: Page 1 of 2			2003	Phreatophyte ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Sc/aw [<= 75% salt cedar & >= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51		64.14
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.03	0.04	0.03	0.16	0.21	0.35	0.41	0.25	0.29	0.23	0.07	0.02		
2	0.03	0.06	0.04	0.15	0.22	0.35	0.38	0.29	0.30	0.24	0.06	0.02		
3	0.03	0.04	0.03	0.12	0.24	0.37	0.37	0.34	0.32	0.19	0.09	0.02		
4	0.03	0.03	0.04	0.13	0.22	0.36	0.36	0.34	0.29	0.17	0.05	0.02		
5	0.04	0.04	0.04	0.13	0.23	0.36	0.37	0.35	0.26	0.17	0.05	0.02		
6	0.07	0.03	0.04	0.11	0.25	0.35	0.37	0.26	0.27	0.15	0.05	0.01		
7	0.04	0.03	0.04	0.14	0.26	0.37	0.35	0.36	0.30	0.16	0.04	0.02		
8	0.02	0.03	0.05	0.15	0.24	0.37	0.37	0.36	0.32	0.18	0.06	0.03		
9	0.02	0.03	0.05	0.17	0.22	0.35	0.34	0.36	0.34	0.19	0.05	0.02		
10	0.02	0.03	0.06	0.15	0.23	0.30	0.41	0.34	0.25	0.17	0.06	0.01		
11	0.02	0.03	0.06	0.16	0.24	0.34	0.38	0.35	0.26	0.15	0.04	0.02		
12	0.02	0.01	0.06	0.15	0.25	0.33	0.37	0.30	0.25	0.15	0.01	0.01		
13	0.02	0.01	0.06	0.17	0.23	0.34	0.38	0.36	0.27	0.16	0.03	0.01		
14	0.02	0.02	0.07	0.17	0.28	0.35	0.37	0.27	0.27	0.15	0.03	0.02		
15	0.03	0.03	0.06	0.17	0.28	0.36	0.32	0.29	0.29	0.18	0.03	0.02		
16	0.03	0.03	0.06	0.15	0.29	0.36	0.38	0.26	0.32	0.15	0.04	0.02		
17	0.03	0.03	0.06	0.19	0.35	0.34	0.36	0.30	0.32	0.15	0.03	0.02		
18	0.03	0.03	0.11	0.16	0.34	0.37	0.30	0.37	0.29	0.15	0.04	0.02		
19	0.03	0.04	0.12	0.17	0.31	0.37	0.33	0.30	0.24	0.15	0.04	0.02		
20	0.02	0.05	0.08	0.18	0.30	0.40	0.35	0.26	0.25	0.14	0.03	0.01		
21	0.02	0.05	0.11	0.22	0.34	0.38	0.40	0.29	0.25	0.12	0.05	0.02		
22	0.02	0.04	0.09	0.21	0.37	0.37	0.38	0.24	0.26	0.13	0.07	0.02		
23	0.02	0.03	0.10	0.19	0.35	0.41	0.32	0.28	0.20	0.12	0.04	0.01		
24	0.03	0.04	0.09	0.20	0.38	0.33	0.27	0.30	0.15	0.14	0.03	0.01		
25	0.04	0.02	0.10	0.22	0.37	0.32	0.27	0.32	0.21	0.21	0.03	0.02		
26	0.04	0.03	0.12	0.21	0.34	0.35	0.20	0.25	0.24	0.14	0.03	0.02		
27	0.03	0.04	0.16	0.25	0.34	0.36	0.33	0.21	0.24	0.10	0.04	0.02		
28	0.03	0.03	0.15	0.24	0.37	0.38	0.20	0.28	0.25	0.10	0.03	0.01		
29	0.03		0.12	0.25	0.41	0.41	0.32	0.32	0.23	0.12	0.02	0.01		
30	0.03		0.11	0.22	0.36	0.41	0.29	0.30	0.24	0.14	0.02	0.01		
31	0.04		0.12		0.36		0.28	0.30		0.09		0.01		

(Daily Kc values)		Sheet AL: Page 2 of 2			2003	Phreatophyte ET						
Sc/aw												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.607	0.927	1.129	1.129	1.129	1.129	1.074	0.652	0.243
2	0.331	0.331	0.331	0.618	0.937	1.129	1.129	1.129	1.129	1.061	0.638	0.230
3	0.331	0.331	0.331	0.629	0.948	1.129	1.129	1.129	1.129	1.047	0.625	0.216
4	0.331	0.331	0.331	0.639	0.959	1.129	1.129	1.129	1.129	1.034	0.611	0.202
5	0.331	0.331	0.331	0.650	0.969	1.129	1.129	1.129	1.129	1.020	0.597	0.189
6	0.331	0.331	0.331	0.661	0.980	1.129	1.129	1.129	1.129	1.006	0.584	0.175
7	0.331	0.331	0.341	0.671	0.991	1.129	1.129	1.129	1.129	0.993	0.570	0.200
8	0.331	0.331	0.352	0.682	1.001	1.129	1.129	1.129	1.129	0.979	0.557	0.200
9	0.331	0.331	0.363	0.693	1.012	1.129	1.129	1.129	1.129	0.965	0.543	0.200
10	0.331	0.331	0.373	0.703	1.023	1.129	1.129	1.129	1.129	0.952	0.529	0.200
11	0.331	0.331	0.384	0.714	1.033	1.129	1.129	1.129	1.129	0.938	0.516	0.200
12	0.331	0.331	0.395	0.725	1.044	1.129	1.129	1.129	1.129	0.925	0.502	0.200
13	0.331	0.331	0.405	0.735	1.055	1.129	1.129	1.129	1.129	0.911	0.488	0.200
14	0.331	0.331	0.416	0.746	1.065	1.129	1.129	1.129	1.129	0.897	0.475	0.200
15	0.331	0.331	0.427	0.757	1.076	1.129	1.129	1.129	1.129	0.884	0.461	0.200
16	0.331	0.331	0.437	0.767	1.086	1.129	1.129	1.129	1.129	0.870	0.448	0.200
17	0.331	0.331	0.448	0.778	1.097	1.129	1.129	1.129	1.129	0.856	0.434	0.200
18	0.331	0.331	0.458	0.788	1.108	1.129	1.129	1.129	1.129	0.843	0.420	0.200
19	0.331	0.331	0.469	0.799	1.118	1.129	1.129	1.129	1.129	0.829	0.407	0.200
20	0.331	0.331	0.480	0.810	1.129	1.129	1.129	1.129	1.129	0.816	0.393	0.200
21	0.331	0.331	0.490	0.820	1.129	1.129	1.129	1.129	1.129	0.802	0.379	0.200
22	0.331	0.331	0.501	0.831	1.129	1.129	1.129	1.129	1.129	0.788	0.366	0.200
23	0.331	0.331	0.512	0.842	1.129	1.129	1.129	1.129	1.129	0.775	0.352	0.200
24	0.331	0.331	0.522	0.852	1.129	1.129	1.129	1.129	1.129	0.761	0.339	0.200
25	0.331	0.331	0.533	0.863	1.129	1.129	1.129	1.129	1.129	0.747	0.325	0.200
26	0.331	0.331	0.544	0.874	1.129	1.129	1.129	1.129	1.129	0.734	0.311	0.200
27	0.331	0.331	0.554	0.884	1.129	1.129	1.129	1.129	1.129	0.720	0.298	0.200
28	0.331	0.331	0.565	0.895	1.129	1.129	1.129	1.129	1.115	0.707	0.284	0.200
29	0.331		0.576	0.906	1.129	1.129	1.129	1.129	1.102	0.693	0.270	0.200
30	0.331		0.586	0.916	1.129	1.129	1.129	1.129	1.088	0.679	0.257	0.200
31	0.331		0.597		1.129		1.129	1.129		0.666		0.200

ET calculations for			Sheet AM: Page 1 of 2			2003	Phreatophyte ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Sc/ms/aw [15-45% salt cedar & 15-45% mesquite & 20-40% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55		67.08
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.03	0.04	0.03	0.18	0.22	0.36	0.42	0.25	0.30	0.24	0.08	0.02		
2	0.03	0.06	0.04	0.17	0.23	0.36	0.39	0.30	0.31	0.27	0.08	0.03		
3	0.03	0.04	0.03	0.13	0.25	0.38	0.38	0.35	0.32	0.21	0.11	0.02		
4	0.03	0.03	0.04	0.14	0.23	0.37	0.37	0.35	0.30	0.19	0.07	0.03		
5	0.04	0.04	0.04	0.14	0.24	0.37	0.38	0.36	0.27	0.20	0.06	0.02		
6	0.07	0.03	0.05	0.12	0.26	0.36	0.38	0.27	0.28	0.17	0.06	0.02		
7	0.04	0.03	0.05	0.15	0.27	0.38	0.36	0.37	0.31	0.19	0.05	0.03		
8	0.02	0.03	0.06	0.16	0.25	0.38	0.38	0.37	0.32	0.21	0.07	0.03		
9	0.02	0.03	0.06	0.18	0.23	0.36	0.35	0.37	0.35	0.23	0.06	0.02		
10	0.02	0.03	0.06	0.16	0.23	0.31	0.42	0.35	0.25	0.20	0.07	0.01		
11	0.02	0.03	0.07	0.17	0.25	0.35	0.39	0.36	0.27	0.18	0.04	0.01		
12	0.02	0.01	0.07	0.16	0.26	0.34	0.38	0.31	0.25	0.17	0.01	0.01		
13	0.02	0.01	0.07	0.18	0.24	0.35	0.39	0.37	0.28	0.19	0.04	0.01		
14	0.02	0.02	0.08	0.18	0.29	0.36	0.38	0.28	0.28	0.18	0.04	0.02		
15	0.03	0.03	0.06	0.18	0.29	0.37	0.32	0.30	0.30	0.21	0.04	0.02		
16	0.03	0.03	0.06	0.15	0.30	0.37	0.39	0.27	0.32	0.17	0.04	0.02		
17	0.03	0.03	0.06	0.20	0.36	0.35	0.37	0.31	0.32	0.18	0.04	0.02		
18	0.03	0.03	0.12	0.17	0.35	0.38	0.31	0.38	0.30	0.18	0.05	0.02		
19	0.03	0.04	0.13	0.18	0.32	0.38	0.34	0.31	0.24	0.18	0.05	0.02		
20	0.02	0.05	0.09	0.19	0.31	0.41	0.36	0.27	0.25	0.16	0.04	0.01		
21	0.02	0.05	0.12	0.23	0.35	0.39	0.41	0.30	0.25	0.14	0.06	0.02		
22	0.02	0.04	0.09	0.22	0.38	0.38	0.39	0.24	0.27	0.16	0.09	0.02		
23	0.02	0.03	0.11	0.19	0.36	0.42	0.32	0.29	0.21	0.14	0.05	0.01		
24	0.03	0.04	0.10	0.21	0.39	0.34	0.28	0.31	0.15	0.16	0.03	0.01		
25	0.04	0.02	0.11	0.23	0.38	0.32	0.28	0.32	0.22	0.25	0.03	0.02		
26	0.04	0.03	0.13	0.22	0.35	0.36	0.21	0.25	0.24	0.17	0.04	0.02		
27	0.03	0.04	0.17	0.26	0.35	0.37	0.34	0.22	0.24	0.12	0.05	0.02		
28	0.03	0.03	0.16	0.25	0.38	0.39	0.21	0.29	0.25	0.12	0.04	0.01		
29	0.03		0.13	0.26	0.42	0.42	0.32	0.32	0.24	0.15	0.03	0.01		
30	0.03		0.12	0.23	0.37	0.42	0.30	0.31	0.25	0.16	0.03	0.01		
31	0.04		0.13		0.37		0.29	0.31		0.11		0.01		

(Daily Kc values)		Sheet AM: Page 2 of 2			2003	Phreatophyte ET								
Sc/ms/aw														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.331	0.331	0.331	0.652	0.962	1.159	1.159	1.159	1.159	1.159	0.781	0.326		
2	0.331	0.331	0.341	0.662	0.973	1.159	1.159	1.159	1.159	1.159	0.765	0.311		
3	0.331	0.331	0.351	0.672	0.983	1.159	1.159	1.159	1.159	1.159	0.750	0.296		
4	0.331	0.331	0.362	0.683	0.993	1.159	1.159	1.159	1.159	1.159	0.735	0.281		
5	0.331	0.331	0.372	0.693	1.004	1.159	1.159	1.159	1.159	1.159	0.720	0.266		
6	0.331	0.331	0.383	0.703	1.014	1.159	1.159	1.159	1.159	1.159	0.705	0.251		
7	0.331	0.331	0.393	0.714	1.024	1.159	1.159	1.159	1.159	1.159	0.690	0.236		
8	0.331	0.331	0.403	0.724	1.035	1.159	1.159	1.159	1.159	1.144	0.675	0.220		
9	0.331	0.331	0.414	0.735	1.045	1.159	1.159	1.159	1.159	1.129	0.659	0.205		
10	0.331	0.331	0.424	0.745	1.055	1.159	1.159	1.159	1.159	1.114	0.644	0.190		
11	0.331	0.331	0.434	0.755	1.066	1.159	1.159	1.159	1.159	1.098	0.629	0.175		
12	0.331	0.331	0.445	0.766	1.076	1.159	1.159	1.159	1.159	1.083	0.614	0.200		
13	0.331	0.331	0.455	0.776	1.087	1.159	1.159	1.159	1.159	1.068	0.599	0.200		
14	0.331	0.331	0.465	0.786	1.097	1.159	1.159	1.159	1.159	1.053	0.584	0.200		
15	0.331	0.331	0.476	0.797	1.107	1.159	1.159	1.159	1.159	1.038	0.569	0.200		
16	0.331	0.331	0.486	0.807	1.118	1.159	1.159	1.159	1.159	1.023	0.553	0.200		
17	0.331	0.331	0.496	0.817	1.128	1.159	1.159	1.159	1.159	1.008	0.538	0.200		
18	0.331	0.331	0.507	0.828	1.138	1.159	1.159	1.159	1.159	0.992	0.523	0.200		
19	0.331	0.331	0.517	0.838	1.149	1.159	1.159	1.159	1.159	0.977	0.508	0.200		
20	0.331	0.331	0.527	0.848	1.159	1.159	1.159	1.159	1.159	0.962	0.493	0.200		
21	0.331	0.331	0.538	0.859	1.159	1.159	1.159	1.159	1.159	0.947	0.478	0.200		
22	0.331	0.331	0.548	0.869	1.159	1.159	1.159	1.159	1.159	0.932	0.463	0.200		
23	0.331	0.331	0.559	0.879	1.159	1.159	1.159	1.159	1.159	0.917	0.447	0.200		
24	0.331	0.331	0.569	0.890	1.159	1.159	1.159	1.159	1.159	0.902	0.432	0.200		
25	0.331	0.331	0.579	0.900	1.159	1.159	1.159	1.159	1.159	0.887	0.417	0.200		
26	0.331	0.331	0.590	0.911	1.159	1.159	1.159	1.159	1.159	0.871	0.402	0.200		
27	0.331	0.331	0.600	0.921	1.159	1.159	1.159	1.159	1.159	0.856	0.387	0.200		
28	0.331	0.331	0.610	0.931	1.159	1.159	1.159	1.159	1.159	0.841	0.372	0.200		
29	0.331		0.621	0.942	1.159	1.159	1.159	1.159	1.159	0.826	0.357	0.200		
30	0.331		0.631	0.952	1.159	1.159	1.159	1.159	1.159	0.811	0.342	0.200		
31	0.331		0.641		1.159		1.159	1.159		0.796		0.200		

ET calculations for			Sheet AN: Page 1 of 2			2003	Phreatophyte ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Ms-low [11-60% screwbean/honey mesquite & <= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53		48.65
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.03	0.04	0.03	0.14	0.16	0.25	0.29	0.18	0.21	0.17	0.06	0.02		
2	0.03	0.06	0.04	0.13	0.17	0.25	0.28	0.21	0.22	0.19	0.06	0.02		
3	0.03	0.04	0.03	0.10	0.18	0.27	0.27	0.24	0.23	0.15	0.08	0.02		
4	0.03	0.03	0.04	0.11	0.16	0.26	0.26	0.24	0.21	0.13	0.05	0.02		
5	0.04	0.04	0.04	0.11	0.17	0.26	0.27	0.25	0.19	0.14	0.05	0.02		
6	0.07	0.03	0.05	0.09	0.19	0.25	0.27	0.19	0.19	0.12	0.05	0.02		
7	0.04	0.03	0.05	0.12	0.19	0.27	0.25	0.26	0.22	0.13	0.04	0.02		
8	0.02	0.03	0.05	0.12	0.18	0.27	0.27	0.26	0.23	0.15	0.05	0.03		
9	0.02	0.03	0.06	0.14	0.16	0.25	0.24	0.26	0.24	0.16	0.05	0.02		
10	0.02	0.03	0.06	0.13	0.16	0.22	0.29	0.24	0.18	0.15	0.06	0.01		
11	0.02	0.03	0.06	0.13	0.17	0.24	0.28	0.25	0.19	0.13	0.03	0.01		
12	0.02	0.01	0.06	0.12	0.18	0.23	0.27	0.22	0.18	0.13	0.01	0.01		
13	0.02	0.01	0.06	0.14	0.17	0.24	0.28	0.26	0.19	0.14	0.03	0.01		
14	0.02	0.02	0.07	0.14	0.20	0.25	0.27	0.19	0.19	0.13	0.03	0.02		
15	0.03	0.03	0.05	0.13	0.20	0.26	0.23	0.21	0.21	0.16	0.03	0.02		
16	0.03	0.03	0.05	0.12	0.21	0.26	0.28	0.19	0.23	0.13	0.04	0.02		
17	0.03	0.03	0.06	0.15	0.25	0.24	0.26	0.22	0.23	0.14	0.03	0.02		
18	0.03	0.03	0.10	0.12	0.25	0.27	0.22	0.27	0.21	0.13	0.04	0.02		
19	0.03	0.04	0.11	0.13	0.22	0.27	0.23	0.22	0.17	0.13	0.04	0.02		
20	0.02	0.05	0.08	0.14	0.22	0.28	0.25	0.19	0.18	0.12	0.03	0.01		
21	0.02	0.05	0.10	0.17	0.24	0.28	0.28	0.21	0.18	0.11	0.05	0.02		
22	0.02	0.04	0.08	0.16	0.27	0.27	0.28	0.17	0.19	0.12	0.07	0.02		
23	0.02	0.03	0.09	0.14	0.25	0.29	0.23	0.20	0.15	0.10	0.04	0.01		
24	0.03	0.04	0.08	0.16	0.28	0.23	0.19	0.22	0.11	0.12	0.03	0.01		
25	0.04	0.02	0.09	0.17	0.27	0.23	0.19	0.23	0.15	0.19	0.03	0.02		
26	0.04	0.03	0.11	0.16	0.24	0.25	0.15	0.18	0.17	0.13	0.03	0.02		
27	0.03	0.04	0.14	0.19	0.24	0.26	0.23	0.15	0.17	0.09	0.04	0.02		
28	0.03	0.03	0.13	0.18	0.27	0.28	0.15	0.20	0.18	0.09	0.03	0.01		
29	0.03		0.10	0.19	0.29	0.29	0.23	0.23	0.17	0.11	0.03	0.01		
30	0.03		0.10	0.17	0.26	0.29	0.21	0.22	0.18	0.12	0.02	0.01		
31	0.04		0.10		0.26		0.20	0.22		0.09		0.01		

(Daily Kc values)		Sheet AN: Page 2 of 2			2003	Phreatophyte ET						
Ms-low												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.516	0.695	0.809	0.809	0.809	0.809	0.809	0.598	0.281
2	0.331	0.331	0.337	0.522	0.701	0.809	0.809	0.809	0.809	0.809	0.587	0.270
3	0.331	0.331	0.343	0.528	0.707	0.809	0.809	0.809	0.809	0.809	0.577	0.260
4	0.331	0.331	0.349	0.534	0.713	0.809	0.809	0.809	0.809	0.809	0.566	0.249
5	0.331	0.331	0.355	0.540	0.719	0.809	0.809	0.809	0.809	0.809	0.555	0.238
6	0.331	0.331	0.361	0.546	0.725	0.809	0.809	0.809	0.809	0.809	0.545	0.228
7	0.331	0.331	0.367	0.552	0.731	0.809	0.809	0.809	0.809	0.809	0.534	0.217
8	0.331	0.331	0.373	0.558	0.737	0.809	0.809	0.809	0.809	0.809	0.524	0.207
9	0.331	0.331	0.379	0.564	0.743	0.809	0.809	0.809	0.809	0.809	0.513	0.196
10	0.331	0.331	0.385	0.570	0.749	0.809	0.809	0.809	0.809	0.809	0.503	0.186
11	0.331	0.331	0.391	0.576	0.755	0.809	0.809	0.809	0.809	0.809	0.492	0.175
12	0.331	0.331	0.397	0.582	0.761	0.809	0.809	0.809	0.809	0.809	0.481	0.200
13	0.331	0.331	0.403	0.588	0.767	0.809	0.809	0.809	0.809	0.798	0.471	0.200
14	0.331	0.331	0.408	0.594	0.773	0.809	0.809	0.809	0.809	0.788	0.460	0.200
15	0.331	0.331	0.414	0.600	0.779	0.809	0.809	0.809	0.809	0.777	0.450	0.200
16	0.331	0.331	0.420	0.606	0.785	0.809	0.809	0.809	0.809	0.767	0.439	0.200
17	0.331	0.331	0.426	0.612	0.791	0.809	0.809	0.809	0.809	0.756	0.429	0.200
18	0.331	0.331	0.432	0.618	0.797	0.809	0.809	0.809	0.809	0.746	0.418	0.200
19	0.331	0.331	0.438	0.624	0.803	0.809	0.809	0.809	0.809	0.735	0.407	0.200
20	0.331	0.331	0.444	0.630	0.809	0.809	0.809	0.809	0.809	0.724	0.397	0.200
21	0.331	0.331	0.450	0.636	0.809	0.809	0.809	0.809	0.809	0.714	0.386	0.200
22	0.331	0.331	0.456	0.642	0.809	0.809	0.809	0.809	0.809	0.703	0.376	0.200
23	0.331	0.331	0.462	0.648	0.809	0.809	0.809	0.809	0.809	0.693	0.365	0.200
24	0.331	0.331	0.468	0.654	0.809	0.809	0.809	0.809	0.809	0.682	0.355	0.200
25	0.331	0.331	0.474	0.660	0.809	0.809	0.809	0.809	0.809	0.672	0.344	0.200
26	0.331	0.331	0.480	0.666	0.809	0.809	0.809	0.809	0.809	0.661	0.334	0.200
27	0.331	0.331	0.486	0.672	0.809	0.809	0.809	0.809	0.809	0.651	0.323	0.200
28	0.331	0.331	0.492	0.677	0.809	0.809	0.809	0.809	0.809	0.640	0.312	0.200
29	0.331		0.498	0.683	0.809	0.809	0.809	0.809	0.809	0.629	0.302	0.200
30	0.331		0.504	0.689	0.809	0.809	0.809	0.809	0.809	0.619	0.291	0.200
31	0.331		0.510		0.809		0.809	0.809		0.608		0.200

ET calculations for			Sheet AO: Page 1 of 2			2003	Phreatophyte ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Ms-high [61-100% screwbean/honey mesquite & <= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66		60.70
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.03	0.04	0.03	0.17	0.21	0.32	0.37	0.22	0.26	0.21	0.07	0.03		
2	0.03	0.06	0.04	0.16	0.23	0.32	0.35	0.26	0.27	0.23	0.07	0.03		
3	0.03	0.04	0.03	0.12	0.24	0.34	0.34	0.31	0.28	0.18	0.10	0.03		
4	0.03	0.03	0.04	0.14	0.22	0.33	0.33	0.31	0.26	0.16	0.06	0.03		
5	0.04	0.04	0.04	0.13	0.23	0.33	0.34	0.32	0.23	0.17	0.06	0.03		
6	0.07	0.03	0.05	0.12	0.25	0.32	0.34	0.23	0.24	0.15	0.06	0.02		
7	0.04	0.03	0.05	0.15	0.26	0.34	0.32	0.33	0.27	0.16	0.05	0.04		
8	0.02	0.03	0.06	0.15	0.24	0.34	0.34	0.33	0.28	0.18	0.07	0.04		
9	0.02	0.03	0.06	0.17	0.22	0.32	0.31	0.33	0.31	0.20	0.06	0.02		
10	0.02	0.03	0.06	0.16	0.22	0.27	0.37	0.31	0.22	0.18	0.07	0.02		
11	0.02	0.03	0.07	0.17	0.23	0.31	0.35	0.32	0.23	0.16	0.04	0.02		
12	0.02	0.01	0.07	0.16	0.24	0.29	0.34	0.27	0.22	0.15	0.01	0.02		
13	0.02	0.01	0.07	0.17	0.22	0.31	0.35	0.33	0.24	0.17	0.04	0.01		
14	0.02	0.02	0.08	0.18	0.26	0.32	0.34	0.24	0.24	0.16	0.04	0.02		
15	0.03	0.03	0.06	0.17	0.26	0.33	0.28	0.26	0.26	0.19	0.04	0.03		
16	0.03	0.03	0.06	0.15	0.27	0.33	0.35	0.23	0.28	0.16	0.05	0.02		
17	0.03	0.03	0.06	0.19	0.33	0.31	0.33	0.27	0.28	0.16	0.04	0.02		
18	0.03	0.03	0.11	0.16	0.32	0.34	0.27	0.34	0.26	0.16	0.05	0.02		
19	0.03	0.04	0.13	0.17	0.28	0.34	0.29	0.27	0.21	0.16	0.05	0.02		
20	0.02	0.05	0.09	0.18	0.27	0.36	0.32	0.23	0.22	0.15	0.04	0.01		
21	0.02	0.05	0.12	0.22	0.31	0.35	0.36	0.26	0.22	0.13	0.07	0.02		
22	0.02	0.04	0.09	0.21	0.34	0.34	0.35	0.21	0.23	0.14	0.10	0.02		
23	0.02	0.03	0.11	0.19	0.32	0.37	0.28	0.25	0.18	0.13	0.06	0.01		
24	0.03	0.04	0.10	0.21	0.35	0.29	0.24	0.27	0.13	0.15	0.04	0.01		
25	0.04	0.02	0.11	0.23	0.34	0.28	0.24	0.28	0.19	0.23	0.04	0.02		
26	0.04	0.03	0.13	0.21	0.31	0.32	0.18	0.22	0.21	0.15	0.04	0.02		
27	0.03	0.04	0.16	0.25	0.31	0.33	0.29	0.19	0.21	0.11	0.05	0.02		
28	0.03	0.03	0.15	0.24	0.34	0.35	0.18	0.25	0.22	0.11	0.04	0.01		
29	0.03		0.13	0.25	0.37	0.37	0.28	0.28	0.21	0.14	0.04	0.01		
30	0.03		0.12	0.22	0.33	0.37	0.26	0.27	0.22	0.15	0.03	0.01		
31	0.04		0.13		0.33		0.25	0.27		0.10		0.01		

(Daily Kc values)		Sheet AO: Page 2 of 2			2003	Phreatophyte ET						
Ms-high												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.634	0.928	1.017	1.017	1.017	1.017	1.017	0.736	0.399
2	0.331	0.331	0.341	0.644	0.938	1.017	1.017	1.017	1.017	1.017	0.725	0.388
3	0.331	0.331	0.350	0.654	0.948	1.017	1.017	1.017	1.017	1.017	0.714	0.377
4	0.331	0.331	0.360	0.664	0.958	1.017	1.017	1.017	1.017	1.017	0.702	0.366
5	0.331	0.331	0.370	0.674	0.968	1.017	1.017	1.017	1.017	1.017	0.691	0.355
6	0.331	0.331	0.380	0.683	0.977	1.017	1.017	1.017	1.017	1.017	0.680	0.343
7	0.331	0.331	0.390	0.693	0.987	1.017	1.017	1.017	1.017	1.017	0.669	0.332
8	0.331	0.331	0.399	0.703	0.997	1.017	1.017	1.017	1.017	1.005	0.657	0.321
9	0.331	0.331	0.409	0.713	1.007	1.017	1.017	1.017	1.017	0.994	0.646	0.310
10	0.331	0.331	0.419	0.723	1.017	1.017	1.017	1.017	1.017	0.983	0.635	0.298
11	0.331	0.331	0.429	0.732	1.017	1.017	1.017	1.017	1.017	0.972	0.624	0.287
12	0.331	0.331	0.439	0.742	1.017	1.017	1.017	1.017	1.017	0.960	0.613	0.276
13	0.331	0.331	0.448	0.752	1.017	1.017	1.017	1.017	1.017	0.949	0.601	0.265
14	0.331	0.331	0.458	0.762	1.017	1.017	1.017	1.017	1.017	0.938	0.590	0.254
15	0.331	0.331	0.468	0.772	1.017	1.017	1.017	1.017	1.017	0.927	0.579	0.242
16	0.331	0.331	0.478	0.781	1.017	1.017	1.017	1.017	1.017	0.916	0.568	0.231
17	0.331	0.331	0.488	0.791	1.017	1.017	1.017	1.017	1.017	0.904	0.557	0.220
18	0.331	0.331	0.497	0.801	1.017	1.017	1.017	1.017	1.017	0.893	0.545	0.209
19	0.331	0.331	0.507	0.811	1.017	1.017	1.017	1.017	1.017	0.882	0.534	0.197
20	0.331	0.331	0.517	0.821	1.017	1.017	1.017	1.017	1.017	0.871	0.523	0.186
21	0.331	0.331	0.527	0.830	1.017	1.017	1.017	1.017	1.017	0.859	0.512	0.175
22	0.331	0.331	0.537	0.840	1.017	1.017	1.017	1.017	1.017	0.848	0.500	0.200
23	0.331	0.331	0.546	0.850	1.017	1.017	1.017	1.017	1.017	0.837	0.489	0.200
24	0.331	0.331	0.556	0.860	1.017	1.017	1.017	1.017	1.017	0.826	0.478	0.200
25	0.331	0.331	0.566	0.870	1.017	1.017	1.017	1.017	1.017	0.815	0.467	0.200
26	0.331	0.331	0.576	0.879	1.017	1.017	1.017	1.017	1.017	0.803	0.456	0.200
27	0.331	0.331	0.585	0.889	1.017	1.017	1.017	1.017	1.017	0.792	0.444	0.200
28	0.331	0.331	0.595	0.899	1.017	1.017	1.017	1.017	1.017	0.781	0.433	0.200
29	0.331		0.605	0.909	1.017	1.017	1.017	1.017	1.017	0.770	0.422	0.200
30	0.331		0.615	0.919	1.017	1.017	1.017	1.017	1.017	0.758	0.411	0.200
31	0.331		0.625		1.017		1.017	1.017		0.747		0.200

ET calculations for			Sheet AP: Page 1 of 2			2003	Phreatophyte ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Ms/aw [21-60% mesquite & 31-60% arrowweed & <= 20% salt cedar])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59		58.04
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.03	0.04	0.03	0.17	0.20	0.30	0.35	0.21	0.25	0.20	0.07	0.02		
2	0.03	0.06	0.04	0.16	0.22	0.30	0.33	0.25	0.26	0.22	0.07	0.03		
3	0.03	0.04	0.03	0.12	0.23	0.32	0.32	0.29	0.27	0.17	0.09	0.03		
4	0.03	0.03	0.04	0.13	0.21	0.31	0.31	0.29	0.25	0.16	0.06	0.03		
5	0.04	0.04	0.04	0.13	0.22	0.31	0.32	0.30	0.22	0.17	0.06	0.02		
6	0.07	0.03	0.05	0.11	0.24	0.30	0.32	0.22	0.23	0.15	0.06	0.02		
7	0.04	0.03	0.05	0.14	0.25	0.32	0.30	0.31	0.26	0.16	0.04	0.03		
8	0.02	0.03	0.06	0.15	0.23	0.32	0.32	0.31	0.27	0.17	0.06	0.03		
9	0.02	0.03	0.06	0.17	0.21	0.30	0.29	0.31	0.29	0.19	0.05	0.02		
10	0.02	0.03	0.06	0.15	0.21	0.26	0.35	0.29	0.21	0.17	0.06	0.02		
11	0.02	0.03	0.07	0.16	0.22	0.29	0.33	0.30	0.22	0.15	0.04	0.02		
12	0.02	0.01	0.06	0.15	0.23	0.28	0.32	0.26	0.21	0.15	0.01	0.01		
13	0.02	0.01	0.07	0.17	0.21	0.29	0.33	0.31	0.23	0.16	0.04	0.01		
14	0.02	0.02	0.08	0.17	0.25	0.30	0.32	0.23	0.23	0.15	0.04	0.02		
15	0.03	0.03	0.06	0.16	0.25	0.31	0.27	0.25	0.25	0.18	0.04	0.02		
16	0.03	0.03	0.06	0.14	0.26	0.31	0.33	0.22	0.27	0.15	0.04	0.02		
17	0.03	0.03	0.06	0.18	0.31	0.29	0.31	0.26	0.27	0.15	0.04	0.02		
18	0.03	0.03	0.11	0.15	0.30	0.32	0.26	0.32	0.25	0.15	0.04	0.02		
19	0.03	0.04	0.12	0.16	0.27	0.32	0.28	0.26	0.20	0.15	0.04	0.02		
20	0.02	0.05	0.09	0.17	0.26	0.34	0.30	0.22	0.21	0.14	0.04	0.01		
21	0.02	0.05	0.11	0.22	0.29	0.33	0.34	0.25	0.21	0.12	0.06	0.02		
22	0.02	0.04	0.09	0.20	0.32	0.32	0.33	0.20	0.22	0.14	0.09	0.02		
23	0.02	0.03	0.11	0.18	0.30	0.35	0.27	0.24	0.17	0.12	0.05	0.01		
24	0.03	0.04	0.10	0.20	0.33	0.28	0.23	0.26	0.13	0.14	0.03	0.01		
25	0.04	0.02	0.10	0.22	0.32	0.27	0.23	0.27	0.18	0.21	0.03	0.02		
26	0.04	0.03	0.12	0.20	0.29	0.30	0.17	0.21	0.20	0.14	0.04	0.02		
27	0.03	0.04	0.16	0.24	0.29	0.31	0.28	0.18	0.20	0.10	0.05	0.02		
28	0.03	0.03	0.15	0.23	0.32	0.33	0.17	0.24	0.21	0.10	0.04	0.01		
29	0.03		0.12	0.24	0.35	0.35	0.27	0.27	0.20	0.13	0.03	0.01		
30	0.03		0.11	0.21	0.31	0.35	0.25	0.26	0.21	0.14	0.03	0.01		
31	0.04		0.12		0.31		0.24	0.26		0.10		0.01		

(Daily Kc values)		Sheet AP: Page 2 of 2			2003	Phreatophyte ET						
Ms/aw												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.615	0.889	0.972	0.972	0.972	0.972	0.972	0.687	0.346
2	0.331	0.331	0.340	0.624	0.899	0.972	0.972	0.972	0.972	0.972	0.676	0.334
3	0.331	0.331	0.349	0.633	0.908	0.972	0.972	0.972	0.972	0.972	0.665	0.323
4	0.331	0.331	0.358	0.642	0.917	0.972	0.972	0.972	0.972	0.972	0.653	0.312
5	0.331	0.331	0.367	0.651	0.926	0.972	0.972	0.972	0.972	0.972	0.642	0.300
6	0.331	0.331	0.377	0.661	0.935	0.972	0.972	0.972	0.972	0.972	0.630	0.289
7	0.331	0.331	0.386	0.670	0.944	0.972	0.972	0.972	0.972	0.972	0.619	0.277
8	0.331	0.331	0.395	0.679	0.954	0.972	0.972	0.972	0.972	0.961	0.608	0.266
9	0.331	0.331	0.404	0.688	0.963	0.972	0.972	0.972	0.972	0.949	0.596	0.255
10	0.331	0.331	0.413	0.697	0.972	0.972	0.972	0.972	0.972	0.938	0.585	0.243
11	0.331	0.331	0.422	0.706	0.972	0.972	0.972	0.972	0.972	0.926	0.573	0.232
12	0.331	0.331	0.432	0.715	0.972	0.972	0.972	0.972	0.972	0.915	0.562	0.221
13	0.331	0.331	0.441	0.725	0.972	0.972	0.972	0.972	0.972	0.904	0.551	0.209
14	0.331	0.331	0.450	0.734	0.972	0.972	0.972	0.972	0.972	0.892	0.539	0.198
15	0.331	0.331	0.459	0.743	0.972	0.972	0.972	0.972	0.972	0.881	0.528	0.186
16	0.331	0.331	0.468	0.752	0.972	0.972	0.972	0.972	0.972	0.869	0.517	0.175
17	0.331	0.331	0.477	0.761	0.972	0.972	0.972	0.972	0.972	0.858	0.505	0.200
18	0.331	0.331	0.486	0.770	0.972	0.972	0.972	0.972	0.972	0.847	0.494	0.200
19	0.331	0.331	0.496	0.780	0.972	0.972	0.972	0.972	0.972	0.835	0.482	0.200
20	0.331	0.331	0.505	0.789	0.972	0.972	0.972	0.972	0.972	0.824	0.471	0.200
21	0.331	0.331	0.514	0.798	0.972	0.972	0.972	0.972	0.972	0.813	0.460	0.200
22	0.331	0.331	0.523	0.807	0.972	0.972	0.972	0.972	0.972	0.801	0.448	0.200
23	0.331	0.331	0.532	0.816	0.972	0.972	0.972	0.972	0.972	0.790	0.437	0.200
24	0.331	0.331	0.541	0.825	0.972	0.972	0.972	0.972	0.972	0.778	0.425	0.200
25	0.331	0.331	0.551	0.835	0.972	0.972	0.972	0.972	0.972	0.767	0.414	0.200
26	0.331	0.331	0.560	0.844	0.972	0.972	0.972	0.972	0.972	0.756	0.403	0.200
27	0.331	0.331	0.569	0.853	0.972	0.972	0.972	0.972	0.972	0.744	0.391	0.200
28	0.331	0.331	0.578	0.862	0.972	0.972	0.972	0.972	0.972	0.733	0.380	0.200
29	0.331		0.587	0.871	0.972	0.972	0.972	0.972	0.972	0.721	0.369	0.200
30	0.331		0.596	0.880	0.972	0.972	0.972	0.972	0.972	0.710	0.357	0.200
31	0.331		0.606		0.972		0.972	0.972		0.699		0.200

ET calculations for			Sheet AQ: Page 1 of 2			2003	Phreatophyte ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Aw [51-100% arrowweed & <= 10% any trees])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54		57.00
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.03	0.04	0.03	0.15	0.18	0.31	0.36	0.22	0.26	0.21	0.06	0.02		
2	0.03	0.06	0.04	0.14	0.19	0.31	0.34	0.26	0.27	0.23	0.06	0.03		
3	0.03	0.04	0.03	0.11	0.20	0.33	0.33	0.30	0.28	0.18	0.09	0.02		
4	0.03	0.03	0.04	0.12	0.19	0.32	0.32	0.30	0.26	0.15	0.05	0.02		
5	0.04	0.04	0.04	0.12	0.20	0.32	0.33	0.31	0.23	0.16	0.05	0.02		
6	0.07	0.03	0.04	0.10	0.22	0.31	0.33	0.23	0.24	0.14	0.05	0.02		
7	0.04	0.03	0.04	0.12	0.22	0.33	0.31	0.32	0.27	0.15	0.04	0.02		
8	0.02	0.03	0.05	0.13	0.20	0.33	0.33	0.32	0.28	0.17	0.06	0.03		
9	0.02	0.03	0.05	0.15	0.19	0.31	0.30	0.32	0.30	0.18	0.05	0.02		
10	0.02	0.03	0.05	0.14	0.19	0.27	0.36	0.30	0.22	0.16	0.06	0.01		
11	0.02	0.03	0.06	0.14	0.20	0.30	0.34	0.31	0.23	0.14	0.04	0.01		
12	0.02	0.01	0.06	0.13	0.21	0.29	0.33	0.27	0.22	0.14	0.01	0.01		
13	0.02	0.01	0.06	0.15	0.20	0.30	0.34	0.32	0.24	0.15	0.04	0.01		
14	0.02	0.02	0.07	0.15	0.23	0.31	0.33	0.24	0.24	0.14	0.03	0.02		
15	0.03	0.03	0.05	0.15	0.24	0.32	0.28	0.26	0.26	0.17	0.03	0.02		
16	0.03	0.03	0.05	0.13	0.25	0.32	0.34	0.23	0.28	0.14	0.04	0.02		
17	0.03	0.03	0.05	0.16	0.30	0.30	0.32	0.27	0.28	0.15	0.03	0.02		
18	0.03	0.03	0.10	0.14	0.29	0.33	0.27	0.33	0.26	0.14	0.04	0.02		
19	0.03	0.04	0.11	0.15	0.26	0.33	0.29	0.27	0.21	0.14	0.04	0.02		
20	0.02	0.05	0.08	0.15	0.26	0.35	0.31	0.23	0.22	0.13	0.03	0.01		
21	0.02	0.05	0.10	0.19	0.29	0.34	0.35	0.26	0.22	0.12	0.05	0.02		
22	0.02	0.04	0.08	0.18	0.32	0.33	0.34	0.21	0.23	0.13	0.08	0.02		
23	0.02	0.03	0.09	0.16	0.30	0.36	0.28	0.25	0.18	0.11	0.05	0.01		
24	0.03	0.04	0.09	0.18	0.33	0.29	0.24	0.27	0.13	0.13	0.03	0.01		
25	0.04	0.02	0.09	0.19	0.33	0.28	0.24	0.28	0.19	0.20	0.03	0.02		
26	0.04	0.03	0.11	0.18	0.30	0.31	0.18	0.22	0.21	0.13	0.03	0.02		
27	0.03	0.04	0.14	0.21	0.30	0.32	0.29	0.19	0.21	0.10	0.04	0.02		
28	0.03	0.03	0.13	0.21	0.33	0.34	0.18	0.25	0.22	0.10	0.03	0.01		
29	0.03		0.11	0.22	0.36	0.36	0.28	0.28	0.21	0.12	0.03	0.01		
30	0.03		0.10	0.19	0.32	0.36	0.26	0.27	0.22	0.13	0.02	0.01		
31	0.04		0.11		0.32		0.25	0.27		0.09		0.01		

(Daily Kc values)		Sheet AQ: Page 2 of 2			2003	Phreatophyte ET								
Aw														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.331	0.331	0.331	0.545	0.791	0.989	0.989	0.989	0.989	0.989	0.640	0.291		
2	0.331	0.331	0.331	0.553	0.799	0.989	0.989	0.989	0.989	0.989	0.628	0.280		
3	0.331	0.331	0.331	0.561	0.808	0.989	0.989	0.989	0.989	0.977	0.617	0.268		
4	0.331	0.331	0.331	0.569	0.816	0.989	0.989	0.989	0.989	0.965	0.605	0.256		
5	0.331	0.331	0.331	0.577	0.824	0.989	0.989	0.989	0.989	0.954	0.593	0.245		
6	0.331	0.331	0.331	0.586	0.832	0.989	0.989	0.989	0.989	0.942	0.582	0.233		
7	0.331	0.331	0.339	0.594	0.841	0.989	0.989	0.989	0.989	0.930	0.570	0.221		
8	0.331	0.331	0.347	0.602	0.849	0.989	0.989	0.989	0.989	0.919	0.559	0.210		
9	0.331	0.331	0.355	0.610	0.857	0.989	0.989	0.989	0.989	0.907	0.547	0.198		
10	0.331	0.331	0.364	0.619	0.865	0.989	0.989	0.989	0.989	0.896	0.535	0.187		
11	0.331	0.331	0.372	0.627	0.873	0.989	0.989	0.989	0.989	0.884	0.524	0.175		
12	0.331	0.331	0.380	0.635	0.882	0.989	0.989	0.989	0.989	0.872	0.512	0.200		
13	0.331	0.331	0.388	0.643	0.890	0.989	0.989	0.989	0.989	0.861	0.500	0.200		
14	0.331	0.331	0.397	0.651	0.898	0.989	0.989	0.989	0.989	0.849	0.489	0.200		
15	0.331	0.331	0.405	0.660	0.906	0.989	0.989	0.989	0.989	0.837	0.477	0.200		
16	0.331	0.331	0.413	0.668	0.915	0.989	0.989	0.989	0.989	0.826	0.466	0.200		
17	0.331	0.331	0.421	0.676	0.923	0.989	0.989	0.989	0.989	0.814	0.454	0.200		
18	0.331	0.331	0.429	0.684	0.931	0.989	0.989	0.989	0.989	0.803	0.442	0.200		
19	0.331	0.331	0.438	0.693	0.939	0.989	0.989	0.989	0.989	0.791	0.431	0.200		
20	0.331	0.331	0.446	0.701	0.947	0.989	0.989	0.989	0.989	0.779	0.419	0.200		
21	0.331	0.331	0.454	0.709	0.956	0.989	0.989	0.989	0.989	0.768	0.407	0.200		
22	0.331	0.331	0.462	0.717	0.964	0.989	0.989	0.989	0.989	0.756	0.396	0.200		
23	0.331	0.331	0.471	0.725	0.972	0.989	0.989	0.989	0.989	0.744	0.384	0.200		
24	0.331	0.331	0.479	0.734	0.980	0.989	0.989	0.989	0.989	0.733	0.373	0.200		
25	0.331	0.331	0.487	0.742	0.989	0.989	0.989	0.989	0.989	0.721	0.361	0.200		
26	0.331	0.331	0.495	0.750	0.989	0.989	0.989	0.989	0.989	0.710	0.349	0.200		
27	0.331	0.331	0.503	0.758	0.989	0.989	0.989	0.989	0.989	0.698	0.338	0.200		
28	0.331	0.331	0.512	0.767	0.989	0.989	0.989	0.989	0.989	0.686	0.326	0.200		
29	0.331		0.520	0.775	0.989	0.989	0.989	0.989	0.989	0.675	0.314	0.200		
30	0.331		0.528	0.783	0.989	0.989	0.989	0.989	0.989	0.663	0.303	0.200		
31	0.331		0.536		0.989		0.989	0.989		0.652		0.200		

ET calculations for			Sheet AR: Page 1 of 2			2003	Phreatophyte ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Cw [61-100% cottonwood and willow trees])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59		60.11
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.03	0.04	0.03	0.17	0.20	0.32	0.37	0.22	0.26	0.21	0.07	0.02		
2	0.03	0.06	0.04	0.16	0.22	0.32	0.35	0.26	0.27	0.23	0.07	0.03		
3	0.03	0.04	0.03	0.12	0.23	0.34	0.34	0.31	0.28	0.18	0.10	0.03		
4	0.03	0.03	0.04	0.13	0.21	0.33	0.33	0.31	0.26	0.16	0.06	0.03		
5	0.04	0.04	0.04	0.13	0.22	0.33	0.34	0.32	0.23	0.17	0.06	0.02		
6	0.07	0.03	0.05	0.11	0.24	0.32	0.34	0.23	0.24	0.15	0.06	0.02		
7	0.04	0.03	0.05	0.14	0.25	0.34	0.32	0.33	0.27	0.16	0.05	0.03		
8	0.02	0.03	0.06	0.15	0.23	0.34	0.34	0.33	0.28	0.18	0.06	0.04		
9	0.02	0.03	0.06	0.16	0.21	0.32	0.31	0.33	0.31	0.20	0.06	0.02		
10	0.02	0.03	0.06	0.15	0.21	0.27	0.37	0.31	0.22	0.18	0.07	0.02		
11	0.02	0.03	0.07	0.16	0.23	0.31	0.35	0.32	0.23	0.15	0.04	0.02		
12	0.02	0.01	0.06	0.15	0.24	0.29	0.34	0.27	0.22	0.15	0.01	0.01		
13	0.02	0.01	0.07	0.17	0.22	0.31	0.35	0.33	0.24	0.17	0.04	0.01		
14	0.02	0.02	0.08	0.17	0.26	0.32	0.34	0.24	0.24	0.16	0.04	0.02		
15	0.03	0.03	0.06	0.16	0.26	0.33	0.28	0.26	0.26	0.18	0.04	0.02		
16	0.03	0.03	0.06	0.14	0.27	0.33	0.35	0.23	0.28	0.15	0.04	0.02		
17	0.03	0.03	0.06	0.18	0.33	0.31	0.33	0.27	0.28	0.16	0.04	0.02		
18	0.03	0.03	0.11	0.15	0.32	0.34	0.27	0.34	0.26	0.16	0.05	0.02		
19	0.03	0.04	0.12	0.16	0.28	0.34	0.29	0.27	0.21	0.16	0.05	0.02		
20	0.02	0.05	0.09	0.17	0.27	0.36	0.32	0.23	0.22	0.15	0.04	0.01		
21	0.02	0.05	0.11	0.22	0.31	0.35	0.36	0.26	0.22	0.13	0.06	0.02		
22	0.02	0.04	0.09	0.20	0.34	0.34	0.35	0.21	0.23	0.14	0.09	0.02		
23	0.02	0.03	0.11	0.18	0.32	0.37	0.28	0.25	0.18	0.12	0.05	0.01		
24	0.03	0.04	0.10	0.20	0.35	0.29	0.24	0.27	0.13	0.15	0.04	0.01		
25	0.04	0.02	0.10	0.22	0.34	0.28	0.24	0.28	0.19	0.22	0.03	0.02		
26	0.04	0.03	0.12	0.20	0.31	0.32	0.18	0.22	0.21	0.15	0.04	0.02		
27	0.03	0.04	0.16	0.24	0.31	0.33	0.29	0.19	0.21	0.11	0.05	0.02		
28	0.03	0.03	0.15	0.23	0.34	0.35	0.18	0.25	0.22	0.11	0.04	0.01		
29	0.03		0.12	0.24	0.37	0.37	0.28	0.28	0.21	0.14	0.03	0.01		
30	0.03		0.11	0.21	0.33	0.37	0.26	0.27	0.22	0.15	0.03	0.01		
31	0.04		0.12		0.33		0.25	0.27		0.10		0.01		

(Daily Kc values)		Sheet AR: Page 2 of 2			2003	Phreatophyte ET								
Cw														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.331	0.331	0.331	0.614	0.889	1.017	1.017	1.017	1.017	1.017	0.716	0.355		
2	0.331	0.331	0.340	0.623	0.898	1.017	1.017	1.017	1.017	1.017	0.704	0.343		
3	0.331	0.331	0.349	0.633	0.907	1.017	1.017	1.017	1.017	1.017	0.692	0.331		
4	0.331	0.331	0.358	0.642	0.916	1.017	1.017	1.017	1.017	1.017	0.680	0.319		
5	0.331	0.331	0.367	0.651	0.925	1.017	1.017	1.017	1.017	1.017	0.668	0.307		
6	0.331	0.331	0.376	0.660	0.934	1.017	1.017	1.017	1.017	1.017	0.656	0.295		
7	0.331	0.331	0.386	0.669	0.943	1.017	1.017	1.017	1.017	1.017	0.644	0.283		
8	0.331	0.331	0.395	0.678	0.953	1.017	1.017	1.017	1.017	1.005	0.632	0.271		
9	0.331	0.331	0.404	0.687	0.962	1.017	1.017	1.017	1.017	0.993	0.620	0.259		
10	0.331	0.331	0.413	0.697	0.971	1.017	1.017	1.017	1.017	0.980	0.608	0.247		
11	0.331	0.331	0.422	0.706	0.980	1.017	1.017	1.017	1.017	0.968	0.596	0.235		
12	0.331	0.331	0.431	0.715	0.989	1.017	1.017	1.017	1.017	0.956	0.584	0.223		
13	0.331	0.331	0.441	0.724	0.998	1.017	1.017	1.017	1.017	0.944	0.572	0.211		
14	0.331	0.331	0.450	0.733	1.007	1.017	1.017	1.017	1.017	0.932	0.560	0.199		
15	0.331	0.331	0.459	0.742	1.017	1.017	1.017	1.017	1.017	0.920	0.548	0.187		
16	0.331	0.331	0.468	0.751	1.017	1.017	1.017	1.017	1.017	0.908	0.536	0.175		
17	0.331	0.331	0.477	0.761	1.017	1.017	1.017	1.017	1.017	0.896	0.524	0.200		
18	0.331	0.331	0.486	0.770	1.017	1.017	1.017	1.017	1.017	0.884	0.512	0.200		
19	0.331	0.331	0.495	0.779	1.017	1.017	1.017	1.017	1.017	0.872	0.500	0.200		
20	0.331	0.331	0.505	0.788	1.017	1.017	1.017	1.017	1.017	0.860	0.488	0.200		
21	0.331	0.331	0.514	0.797	1.017	1.017	1.017	1.017	1.017	0.848	0.476	0.200		
22	0.331	0.331	0.523	0.806	1.017	1.017	1.017	1.017	1.017	0.836	0.464	0.200		
23	0.331	0.331	0.532	0.815	1.017	1.017	1.017	1.017	1.017	0.824	0.452	0.200		
24	0.331	0.331	0.541	0.825	1.017	1.017	1.017	1.017	1.017	0.812	0.439	0.200		
25	0.331	0.331	0.550	0.834	1.017	1.017	1.017	1.017	1.017	0.800	0.427	0.200		
26	0.331	0.331	0.559	0.843	1.017	1.017	1.017	1.017	1.017	0.788	0.415	0.200		
27	0.331	0.331	0.569	0.852	1.017	1.017	1.017	1.017	1.017	0.776	0.403	0.200		
28	0.331	0.331	0.578	0.861	1.017	1.017	1.017	1.017	1.017	0.764	0.391	0.200		
29	0.331		0.587	0.870	1.017	1.017	1.017	1.017	1.017	0.752	0.379	0.200		
30	0.331		0.596	0.879	1.017	1.017	1.017	1.017	1.017	0.740	0.367	0.200		
31	0.331		0.605		1.017		1.017	1.017		0.728		0.200		

ET calculations for			Sheet AS: Page 1 of 2			2003	Phreatophyte ET							
Parker/Palo Verde Area ET-Rate Table														
(Sheet to calculate ET for Phreatophyte area classified Low Vegetation [> 10% and <= 30% any phreatophyte vegetation])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68		52.10
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.04	0.05	0.04	0.15	0.18	0.27	0.31	0.19	0.22	0.18	0.06	0.03		
2	0.03	0.06	0.04	0.14	0.19	0.27	0.29	0.22	0.23	0.20	0.06	0.03		
3	0.03	0.04	0.03	0.11	0.19	0.28	0.28	0.26	0.24	0.15	0.09	0.03		
4	0.03	0.03	0.04	0.12	0.18	0.27	0.27	0.26	0.22	0.14	0.06	0.03		
5	0.04	0.05	0.05	0.12	0.19	0.27	0.28	0.27	0.20	0.15	0.05	0.03		
6	0.07	0.04	0.05	0.10	0.21	0.27	0.28	0.20	0.21	0.13	0.05	0.02		
7	0.04	0.04	0.05	0.13	0.21	0.28	0.27	0.27	0.23	0.14	0.04	0.04		
8	0.02	0.04	0.06	0.13	0.19	0.28	0.28	0.27	0.24	0.15	0.06	0.04		
9	0.02	0.04	0.06	0.15	0.18	0.27	0.26	0.27	0.26	0.17	0.05	0.03		
10	0.02	0.03	0.06	0.14	0.18	0.23	0.31	0.26	0.19	0.15	0.06	0.02		
11	0.02	0.03	0.07	0.14	0.19	0.26	0.29	0.27	0.20	0.13	0.04	0.02		
12	0.02	0.01	0.06	0.13	0.20	0.25	0.28	0.23	0.19	0.13	0.01	0.02		
13	0.02	0.01	0.06	0.15	0.19	0.26	0.29	0.27	0.21	0.15	0.04	0.01		
14	0.02	0.02	0.08	0.15	0.22	0.27	0.28	0.21	0.21	0.14	0.04	0.02		
15	0.03	0.03	0.06	0.14	0.22	0.27	0.24	0.22	0.22	0.16	0.04	0.03		
16	0.03	0.03	0.06	0.13	0.23	0.27	0.29	0.20	0.24	0.13	0.04	0.03		
17	0.04	0.03	0.06	0.16	0.27	0.26	0.27	0.23	0.24	0.14	0.04	0.02		
18	0.04	0.04	0.11	0.14	0.27	0.28	0.23	0.28	0.22	0.14	0.05	0.02		
19	0.03	0.04	0.12	0.14	0.24	0.28	0.25	0.23	0.18	0.14	0.04	0.02		
20	0.02	0.05	0.08	0.15	0.23	0.30	0.27	0.20	0.19	0.13	0.04	0.02		
21	0.02	0.05	0.11	0.19	0.26	0.29	0.30	0.22	0.19	0.11	0.06	0.02		
22	0.02	0.04	0.08	0.18	0.28	0.28	0.29	0.18	0.20	0.12	0.09	0.02		
23	0.02	0.04	0.10	0.16	0.27	0.31	0.24	0.21	0.15	0.11	0.05	0.01		
24	0.04	0.05	0.09	0.17	0.29	0.25	0.21	0.23	0.11	0.13	0.04	0.01		
25	0.05	0.02	0.10	0.19	0.28	0.24	0.21	0.24	0.16	0.20	0.04	0.02		
26	0.04	0.04	0.11	0.18	0.26	0.27	0.15	0.19	0.18	0.13	0.04	0.02		
27	0.04	0.04	0.15	0.21	0.26	0.27	0.25	0.16	0.18	0.10	0.05	0.02		
28	0.03	0.03	0.14	0.20	0.28	0.29	0.15	0.21	0.19	0.10	0.04	0.01		
29	0.04		0.11	0.21	0.31	0.31	0.24	0.24	0.18	0.12	0.04	0.01		
30	0.04		0.10	0.18	0.27	0.31	0.22	0.23	0.19	0.13	0.03	0.01		
31	0.04		0.11		0.27		0.21	0.23		0.09		0.01		

(Daily Kc values)		Sheet AS: Page 2 of 2			2003	Phreatophyte ET						
Low Veg												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.352	0.352	0.352	0.561	0.764	0.858	0.858	0.858	0.858	0.858	0.645	0.389
2	0.352	0.352	0.359	0.568	0.771	0.858	0.858	0.858	0.858	0.858	0.636	0.380
3	0.352	0.352	0.366	0.575	0.777	0.858	0.858	0.858	0.858	0.858	0.628	0.371
4	0.352	0.352	0.372	0.582	0.784	0.858	0.858	0.858	0.858	0.858	0.619	0.363
5	0.352	0.352	0.379	0.588	0.791	0.858	0.858	0.858	0.858	0.858	0.611	0.354
6	0.352	0.352	0.386	0.595	0.798	0.858	0.858	0.858	0.858	0.858	0.602	0.346
7	0.352	0.352	0.393	0.602	0.804	0.858	0.858	0.858	0.858	0.858	0.594	0.337
8	0.352	0.352	0.399	0.609	0.811	0.858	0.858	0.858	0.858	0.850	0.585	0.329
9	0.352	0.352	0.406	0.615	0.818	0.858	0.858	0.858	0.858	0.841	0.577	0.320
10	0.352	0.352	0.413	0.622	0.825	0.858	0.858	0.858	0.858	0.833	0.568	0.312
11	0.352	0.352	0.420	0.629	0.831	0.858	0.858	0.858	0.858	0.824	0.559	0.303
12	0.352	0.352	0.426	0.636	0.838	0.858	0.858	0.858	0.858	0.816	0.551	0.295
13	0.352	0.352	0.433	0.642	0.845	0.858	0.858	0.858	0.858	0.807	0.542	0.286
14	0.352	0.352	0.440	0.649	0.852	0.858	0.858	0.858	0.858	0.799	0.534	0.278
15	0.352	0.352	0.447	0.656	0.858	0.858	0.858	0.858	0.858	0.790	0.525	0.269
16	0.352	0.352	0.453	0.663	0.858	0.858	0.858	0.858	0.858	0.782	0.517	0.260
17	0.352	0.352	0.460	0.669	0.858	0.858	0.858	0.858	0.858	0.773	0.508	0.252
18	0.352	0.352	0.467	0.676	0.858	0.858	0.858	0.858	0.858	0.764	0.500	0.243
19	0.352	0.352	0.474	0.683	0.858	0.858	0.858	0.858	0.858	0.756	0.491	0.235
20	0.352	0.352	0.480	0.690	0.858	0.858	0.858	0.858	0.858	0.747	0.483	0.226
21	0.352	0.352	0.487	0.696	0.858	0.858	0.858	0.858	0.858	0.739	0.474	0.218
22	0.352	0.352	0.494	0.703	0.858	0.858	0.858	0.858	0.858	0.730	0.465	0.209
23	0.352	0.352	0.501	0.710	0.858	0.858	0.858	0.858	0.858	0.722	0.457	0.201
24	0.352	0.352	0.507	0.717	0.858	0.858	0.858	0.858	0.858	0.713	0.448	0.192
25	0.352	0.352	0.514	0.723	0.858	0.858	0.858	0.858	0.858	0.705	0.440	0.184
26	0.352	0.352	0.521	0.730	0.858	0.858	0.858	0.858	0.858	0.696	0.431	0.175
27	0.352	0.352	0.528	0.737	0.858	0.858	0.858	0.858	0.858	0.688	0.423	0.200
28	0.352	0.352	0.534	0.744	0.858	0.858	0.858	0.858	0.858	0.679	0.414	0.200
29	0.352		0.541	0.750	0.858	0.858	0.858	0.858	0.858	0.670	0.406	0.200
30	0.352		0.548	0.757	0.858	0.858	0.858	0.858	0.858	0.662	0.397	0.200
31	0.352		0.555		0.858		0.858	0.858		0.653		0.200

Yuma Area

ET-Rate Table

Yuma Area ET-Rate Table		Sheet A			2003	ET SUMMARY SHEET								
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Reference ET, inches														
	3.50	3.12	5.35	6.89	8.54	9.78	10.26	8.57	7.34	5.63	2.98	2.71		74.67
Precipitation, inches.														
	0.02	1.15	0.17	0.01	0.00	0.00	0.13	0.23	0.05	0.00	0.35	0.01		2.12
Monthly ET values for each crop and phreatophyte group, inches														
Crop/Phreatophyte														
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87		65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10		42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87		46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00		41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90		21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00		28.90
Lettuce-early	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00		8.63
Lettuce-late	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86		6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47		13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00		40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41		56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15		26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92		44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34		30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00		27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00		43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67		14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70		12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56		70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00		36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67		56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30		22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57		12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10		55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63		32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00		37.32
Herbs-misc	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43		13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71		63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71		45.47
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68		71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78		12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54		57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55		64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55		68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55		66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59		69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57		50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70		62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62		60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58		59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63		62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73		54.03

Yuma Area ET-Rate Table			Sheet B		2003	PRECIPITATION							
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Precipitation, inches.													
	0.02	1.15	0.17	0.01	0.00	0.00	0.13	0.23	0.05	0.00	0.35	0.01	2.12
Date													
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	
12	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00	
13	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	
25	0.00	0.37	0.00	0.00	0.00	0.00	0.02	0.00	0.03	0.00	0.00	0.00	
26	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.01	0.00	0.00	0.00	0.00	
29	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00		0.00		0.00		0.00	0.00		0.00		0.00	

* - Estimated value

Yuma Area ET-Rate Table			Sheet C			2003	EFFECTIVE PRECIPITATION							
(Sheet to calculate effective precipitation)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total Effective Precipitation, inches														
	0.01	0.46	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00		0.65
Coefficient for Effective Precipitation (from Jensen, 1995)														
	0.4	0.4	0.2	0	0	0	0	0	0	0.4	0.4	0.4		
Effective Precipitation (Precipitation X Effective Precip. coefficient.), inches														
Date														
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00		
12	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00		
13	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
14	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
26	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.00		0.00		0.00	0.00		0.00		0.00		

Yuma Area ET-Rate Table			Sheet D		2003	REFERENCE ET							
(Sheet to store reference ET values from LCRAS_ETo_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Reference ET (inches)													
	3.50	3.12	5.35	6.89	8.54	9.78	10.26	8.57	7.34	5.63	2.98	2.71	74.67
Date													
1	0.10	0.13	0.11	0.23	0.23	0.28	0.36	0.28	0.28	0.20	0.13	0.08	
2	0.14	0.16	0.15	0.25	0.24	0.32	0.35	0.28	0.24	0.22	0.12	0.09	
3	0.13	0.14	0.08	0.22	0.27	0.35	0.36	0.31	0.31	0.21	0.16	0.10	
4	0.13	0.09	0.11	0.20	0.26	0.33	0.35	0.29	0.31	0.17	0.09	0.10	
5	0.13	0.14	0.13	0.22	0.23	0.34	0.38	0.31	0.27	0.17	0.08	0.10	
6	0.18	0.10	0.12	0.16	0.25	0.33	0.37	0.23	0.30	0.17	0.10	0.08	
7	0.16	0.15	0.14	0.22	0.28	0.34	0.37	0.34	0.29	0.18	0.07	0.06	
8	0.07	0.11	0.13	0.28	0.28	0.40	0.34	0.35	0.30	0.19	0.11	0.11	
9	0.06	0.10	0.16	0.24	0.26	0.40	0.32	0.32	0.27	0.23	0.10	0.08	
10	0.06	0.11	0.17	0.23	0.22	0.32	0.38	0.30	0.23	0.20	0.08	0.07	
11	0.08	0.13	0.16	0.21	0.24	0.32	0.38	0.31	0.24	0.16	0.09	0.08	
12	0.08	0.04	0.15	0.21	0.24	0.30	0.32	0.32	0.24	0.16	0.02	0.06	
13	0.10	0.04	0.15	0.22	0.22	0.29	0.32	0.31	0.24	0.17	0.07	0.06	
14	0.10	0.08	0.18	0.23	0.22	0.29	0.34	0.23	0.25	0.16	0.08	0.07	
15	0.12	0.08	0.09	0.23	0.25	0.35	0.34	0.22	0.27	0.17	0.07	0.10	
16	0.14	0.10	0.16	0.20	0.25	0.33	0.39	0.23	0.24	0.16	0.09	0.14	
17	0.14	0.10	0.18	0.23	0.29	0.29	0.36	0.27	0.27	0.17	0.07	0.13	
18	0.12	0.12	0.20	0.23	0.32	0.38	0.31	0.39	0.24	0.21	0.10	0.11	
19	0.09	0.12	0.22	0.21	0.28	0.38	0.30	0.31	0.24	0.19	0.12	0.09	
20	0.09	0.16	0.18	0.21	0.28	0.29	0.31	0.17	0.22	0.18	0.09	0.07	
21	0.07	0.17	0.22	0.24	0.29	0.33	0.31	0.25	0.23	0.19	0.09	0.08	
22	0.09	0.13	0.16	0.27	0.32	0.29	0.36	0.22	0.25	0.20	0.16	0.10	
23	0.10	0.11	0.18	0.19	0.29	0.30	0.31	0.28	0.18	0.18	0.13	0.10	
24	0.13	0.13	0.21	0.20	0.30	0.27	0.36	0.22	0.17	0.16	0.09	0.06	
25	0.14	0.08	0.20	0.23	0.30	0.28	0.32	0.25	0.19	0.26	0.08	0.09	
26	0.15	0.10	0.20	0.25	0.28	0.28	0.29	0.27	0.20	0.22	0.08	0.14	
27	0.12	0.09	0.25	0.26	0.28	0.32	0.35	0.23	0.23	0.16	0.15	0.08	
28	0.10	0.11	0.29	0.28	0.32	0.35	0.16	0.25	0.21	0.14	0.16	0.08	
29	0.11		0.24	0.29	0.37	0.37	0.30	0.29	0.21	0.17	0.11	0.07	
30	0.13		0.23	0.25	0.37	0.36	0.28	0.28	0.22	0.13	0.09	0.06	
31	0.14		0.20		0.31		0.27	0.26		0.15		0.07	
* - Includes an estimated value													

Yuma Area ET-Rate Table			Sheet E: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Alfalfa-1a perennial)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87		65.12
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.11	0.09	0.12	0.23	0.19	0.31	0.40	0.31	0.31	0.17	0.14	0.06		
2	0.15	0.12	0.17	0.26	0.21	0.35	0.39	0.31	0.26	0.19	0.13	0.08		
3	0.14	0.11	0.09	0.23	0.24	0.39	0.40	0.34	0.34	0.19	0.18	0.09		
4	0.14	0.07	0.12	0.22	0.24	0.36	0.39	0.32	0.34	0.16	0.10	0.09		
5	0.14	0.11	0.14	0.24	0.22	0.38	0.42	0.34	0.30	0.17	0.09	0.10		
6	0.19	0.08	0.13	0.18	0.25	0.36	0.41	0.25	0.33	0.17	0.11	0.08		
7	0.18	0.13	0.15	0.24	0.28	0.38	0.41	0.38	0.32	0.19	0.08	0.06		
8	0.07	0.10	0.14	0.31	0.29	0.44	0.38	0.39	0.33	0.20	0.12	0.12		
9	0.07	0.09	0.18	0.26	0.28	0.44	0.35	0.35	0.30	0.25	0.11	0.09		
10	0.07	0.11	0.19	0.25	0.24	0.35	0.42	0.33	0.25	0.22	0.09	0.08		
11	0.09	0.13	0.18	0.23	0.26	0.35	0.42	0.34	0.26	0.18	0.07	0.09		
12	0.09	-0.04	0.17	0.23	0.26	0.33	0.35	0.35	0.26	0.18	-0.09	0.07		
13	0.11	-0.12	0.17	0.24	0.24	0.32	0.35	0.34	0.26	0.19	0.08	0.07		
14	0.11	0.08	0.20	0.25	0.24	0.32	0.38	0.25	0.28	0.18	0.09	0.08		
15	0.04	0.09	0.09	0.08	0.09	0.13	0.13	0.08	0.10	0.19	0.03	0.11		
16	0.05	0.11	0.03	0.07	0.09	0.12	0.14	0.08	0.09	0.18	0.03	0.15		
17	0.05	0.11	0.07	0.09	0.12	0.12	0.15	0.11	0.11	0.19	0.03	0.14		
18	0.04	0.13	0.09	0.10	0.15	0.18	0.14	0.18	0.10	0.23	0.04	0.12		
19	0.03	0.13	0.11	0.10	0.14	0.20	0.15	0.16	0.11	0.21	0.04	0.10		
20	0.03	0.18	0.09	0.10	0.15	0.16	0.17	0.10	0.11	0.20	0.04	0.08		
21	0.03	0.19	0.12	0.13	0.17	0.20	0.19	0.15	0.12	0.21	0.04	0.09		
22	0.04	0.14	0.10	0.15	0.21	0.19	0.24	0.15	0.14	0.22	0.08	0.11		
23	0.05	0.12	0.12	0.11	0.20	0.21	0.22	0.20	0.11	0.20	0.07	0.11		
24	0.06	0.14	0.14	0.12	0.22	0.21	0.27	0.17	0.11	0.18	0.05	0.06		
25	0.07	-0.06	0.14	0.15	0.23	0.23	0.26	0.20	0.12	0.29	0.05	0.10		
26	0.08	0.05	0.15	0.17	0.23	0.24	0.25	0.23	0.14	0.24	0.05	0.15		
27	0.07	0.10	0.20	0.18	0.24	0.29	0.32	0.21	0.17	0.18	0.10	0.09		
28	0.06	0.12	0.24	0.21	0.29	0.33	0.15	0.24	0.16	0.15	0.11	0.09		
29	0.07		0.21	0.22	0.36	0.37	0.30	0.29	0.16	0.19	0.08	0.08		
30	0.08		0.21	0.20	0.37	0.38	0.30	0.30	0.18	0.14	0.07	0.07		
31	0.10		0.19		0.33		0.30	0.29		0.17		0.08		

(Daily Kc values)		Sheet E: Page 2 of 2			2003	CROP ET						
Alfalfa-perennial												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	1.104	0.707	1.104	0.987	0.828	1.104	1.104	1.104	1.104	0.848	1.104	0.809
2	1.104	0.736	1.104	1.026	0.858	1.104	1.104	1.104	1.104	0.880	1.104	0.846
3	1.104	0.764	1.104	1.065	0.889	1.104	1.104	1.104	1.104	0.912	1.104	0.883
4	1.104	0.792	1.104	1.104	0.920	1.104	1.104	1.104	1.104	0.944	1.104	0.920
5	1.104	0.821	1.104	1.104	0.950	1.104	1.104	1.104	1.104	0.976	1.104	0.956
6	1.104	0.849	1.104	1.104	0.981	1.104	1.104	1.104	1.104	1.008	1.104	0.993
7	1.104	0.877	1.104	1.104	1.012	1.104	1.104	1.104	1.104	1.040	1.104	1.030
8	1.104	0.906	1.104	1.104	1.042	1.104	1.104	1.104	1.104	1.072	1.104	1.067
9	1.104	0.934	1.104	1.104	1.073	1.104	1.104	1.104	1.104	1.104	1.104	1.104
10	1.104	0.962	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104
11	1.104	0.990	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104
12	1.104	1.019	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104
13	1.104	1.047	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104
14	1.104	1.075	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104
15	0.368	1.104	1.104	0.368	0.368	0.368	0.368	0.368	0.368	1.104	0.368	1.104
16	0.368	1.104	0.368	0.368	0.368	0.368	0.368	0.368	0.368	1.104	0.368	1.104
17	0.368	1.104	0.407	0.399	0.414	0.417	0.417	0.417	0.400	1.104	0.368	1.104
18	0.368	1.104	0.445	0.429	0.460	0.466	0.466	0.466	0.432	1.104	0.368	1.104
19	0.368	1.104	0.484	0.460	0.506	0.515	0.515	0.515	0.464	1.104	0.368	1.104
20	0.368	1.104	0.523	0.491	0.552	0.564	0.564	0.564	0.496	1.104	0.405	1.104
21	0.396	1.104	0.562	0.521	0.598	0.613	0.613	0.613	0.528	1.104	0.441	1.104
22	0.424	1.104	0.600	0.552	0.644	0.662	0.662	0.662	0.560	1.104	0.478	1.104
23	0.453	1.104	0.639	0.582	0.690	0.711	0.711	0.711	0.592	1.104	0.515	1.104
24	0.481	1.104	0.678	0.613	0.736	0.760	0.760	0.760	0.624	1.104	0.552	1.104
25	0.509	1.104	0.716	0.644	0.782	0.809	0.809	0.809	0.656	1.104	0.589	1.104
26	0.538	1.104	0.755	0.674	0.828	0.858	0.858	0.858	0.688	1.104	0.625	1.104
27	0.566	1.104	0.794	0.705	0.874	0.907	0.907	0.907	0.720	1.104	0.662	1.104
28	0.594	1.104	0.833	0.736	0.920	0.956	0.956	0.956	0.752	1.104	0.699	1.104
29	0.623		0.871	0.766	0.966	1.006	1.006	1.006	0.784	1.104	0.736	1.104
30	0.651		0.910	0.797	1.012	1.055	1.055	1.055	0.816	1.104	0.773	1.104
31	0.679		0.949		1.058		1.104	1.104		1.104		1.104

Yuma Area ET-Rate Table			Sheet F: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Alfalfa-1b annual)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10		42.33
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.04	0.11	0.13	0.14	0.26	0.12	0.32	0.00	0.00	0.00	0.00	0.03		
2	0.06	0.14	0.17	0.15	0.28	0.14	0.32	0.00	0.00	0.00	0.00	0.04		
3	0.05	0.12	0.09	0.14	0.32	0.15	0.34	0.00	0.00	0.00	0.00	0.04		
4	0.05	0.08	0.13	0.13	0.31	0.15	0.33	0.00	0.00	0.00	0.00	0.04		
5	0.05	0.13	0.15	0.15	0.27	0.15	0.37	0.00	0.00	0.00	0.00	0.04		
6	0.07	0.09	0.14	0.11	0.29	0.15	0.37	0.00	0.00	0.00	0.00	0.03		
7	0.07	0.14	0.16	0.15	0.33	0.16	0.37	0.00	0.00	0.00	0.00	0.02		
8	0.02	0.11	0.15	0.20	0.33	0.19	0.35	0.00	0.00	0.00	0.00	0.04		
9	0.02	0.10	0.18	0.18	0.31	0.20	0.33	0.00	0.00	0.00	0.00	0.03		
10	0.03	0.11	0.20	0.17	0.26	0.17	0.40	0.00	0.00	0.00	0.00	0.03		
11	0.04	0.13	0.18	0.16	0.28	0.17	0.41	0.00	0.00	0.00	0.00	0.03		
12	0.04	-0.03	0.17	0.17	0.28	0.17	0.35	0.00	0.00	0.00	0.00	0.02		
13	0.05	-0.12	0.17	0.18	0.26	0.17	0.36	0.00	0.00	0.00	0.00	0.02		
14	0.05	0.08	0.21	0.19	0.26	0.17	0.39	0.00	0.00	0.00	0.00	0.03		
15	0.06	0.09	0.10	0.19	0.29	0.21	0.39	0.00	0.00	0.00	0.00	0.04		
16	0.08	0.11	0.05	0.17	0.29	0.21	0.46	0.00	0.00	0.00	0.00	0.06		
17	0.08	0.11	0.08	0.20	0.34	0.19	0.42	0.00	0.00	0.00	0.00	0.05		
18	0.07	0.14	0.09	0.21	0.38	0.25	0.36	0.00	0.00	0.00	0.00	0.04		
19	0.05	0.14	0.10	0.19	0.33	0.26	0.35	0.00	0.00	0.00	0.00	0.04		
20	0.06	0.18	0.08	0.20	0.33	0.20	0.36	0.00	0.00	0.00	0.00	0.03		
21	0.04	0.20	0.10	0.23	0.34	0.24	0.36	0.00	0.00	0.00	0.00	0.03		
22	0.06	0.15	0.07	0.26	0.38	0.21	0.42	0.00	0.00	0.00	0.00	0.04		
23	0.07	0.13	0.08	0.19	0.34	0.23	0.36	0.00	0.00	0.00	0.00	0.04		
24	0.09	0.15	0.09	0.20	0.35	0.21	0.42	0.00	0.00	0.00	0.00	0.02		
25	0.10	-0.06	0.09	0.24	0.35	0.22	0.38	0.00	0.00	0.00	0.00	0.04		
26	0.11	0.05	0.10	0.26	0.33	0.23	0.34	0.00	0.00	0.00	0.00	0.06		
27	0.09	0.10	0.12	0.28	0.33	0.26	0.41	0.00	0.00	0.00	0.00	0.03		
28	0.08	0.13	0.15	0.30	0.38	0.30	0.19	0.00	0.00	0.00	0.00	0.03		
29	0.09		0.13	0.32	0.16	0.32	0.35	0.00	0.00	0.00	0.00	0.03		
30	0.10		0.13	0.28	0.16	0.32	0.33	0.00	0.00	0.00	0.00	0.02		
31	0.11		0.11		0.14		0.32	0.00		0.00		0.03		

(Daily Kc values)		Sheet F: Page 2 of 2			2003	CROP ET						
Alfalfa-annual												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.408	0.838	1.155	0.589	1.138	0.442	0.900	0.000	0.000	0.000	0.000	0.408
2	0.408	0.856	1.155	0.607	1.156	0.442	0.918	0.000	0.000	0.000	0.000	0.408
3	0.408	0.875	1.155	0.625	1.175	0.442	0.937	0.000	0.000	0.000	0.000	0.408
4	0.408	0.893	1.155	0.644	1.175	0.442	0.955	0.000	0.000	0.000	0.000	0.408
5	0.408	0.912	1.155	0.662	1.175	0.442	0.973	0.000	0.000	0.000	0.000	0.408
6	0.408	0.931	1.155	0.680	1.175	0.442	0.992	0.000	0.000	0.000	0.000	0.408
7	0.408	0.949	1.155	0.699	1.175	0.461	1.010	0.000	0.000	0.000	0.000	0.408
8	0.408	0.968	1.155	0.717	1.175	0.479	1.028	0.000	0.000	0.000	0.000	0.408
9	0.408	0.987	1.155	0.735	1.175	0.497	1.046	0.000	0.000	0.000	0.000	0.408
10	0.427	1.005	1.155	0.754	1.175	0.516	1.065	0.000	0.000	0.000	0.000	0.408
11	0.446	1.024	1.155	0.772	1.175	0.534	1.083	0.000	0.000	0.000	0.000	0.408
12	0.464	1.043	1.155	0.790	1.175	0.552	1.101	0.000	0.000	0.000	0.000	0.408
13	0.483	1.061	1.155	0.808	1.175	0.570	1.120	0.000	0.000	0.000	0.000	0.408
14	0.502	1.080	1.155	0.827	1.175	0.589	1.138	0.000	0.000	0.000	0.000	0.408
15	0.520	1.099	1.155	0.845	1.175	0.607	1.156	0.000	0.000	0.000	0.000	0.408
16	0.539	1.117	0.442	0.863	1.175	0.625	1.175	0.000	0.000	0.000	0.000	0.408
17	0.558	1.136	0.442	0.882	1.175	0.644	1.175	0.000	0.000	0.000	0.000	0.408
18	0.576	1.155	0.442	0.900	1.175	0.662	1.175	0.000	0.000	0.000	0.000	0.408
19	0.595	1.155	0.442	0.918	1.175	0.680	1.175	0.000	0.000	0.000	0.000	0.408
20	0.614	1.155	0.442	0.937	1.175	0.699	1.175	0.000	0.000	0.000	0.000	0.408
21	0.632	1.155	0.442	0.955	1.175	0.717	1.175	0.000	0.000	0.000	0.000	0.408
22	0.651	1.155	0.442	0.973	1.175	0.735	1.175	0.000	0.000	0.000	0.000	0.408
23	0.670	1.155	0.442	0.992	1.175	0.754	1.175	0.000	0.000	0.000	0.000	0.408
24	0.688	1.155	0.442	1.010	1.175	0.772	1.175	0.000	0.000	0.000	0.000	0.408
25	0.707	1.155	0.461	1.028	1.175	0.790	1.175	0.000	0.000	0.000	0.000	0.408
26	0.726	1.155	0.479	1.046	1.175	0.808	1.175	0.000	0.000	0.000	0.000	0.408
27	0.744	1.155	0.497	1.065	1.175	0.827	1.175	0.000	0.000	0.000	0.000	0.408
28	0.763	1.155	0.516	1.083	1.175	0.845	1.175	0.000	0.000	0.000	0.000	0.408
29	0.782		0.534	1.101	0.442	0.863	1.175	0.000	0.000	0.000	0.000	0.408
30	0.800		0.552	1.120	0.442	0.882	1.175	0.000	0.000	0.000	0.000	0.408
31	0.819		0.570		0.442		1.175	0.000		0.000		0.408

Yuma Area ET-Rate Table			Sheet G: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Alfalfa-1c seed)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87		46.89
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.03	0.06	0.09	0.08	0.11	0.24	0.12	0.14	0.24	0.17	0.14	0.06		
2	0.05	0.08	0.13	0.08	0.12	0.28	0.12	0.14	0.21	0.19	0.13	0.08		
3	0.04	0.07	0.07	0.07	0.13	0.31	0.12	0.16	0.28	0.19	0.18	0.09		
4	0.04	0.05	0.10	0.07	0.13	0.30	0.12	0.15	0.29	0.16	0.10	0.09		
5	0.04	0.07	0.12	0.07	0.12	0.31	0.13	0.16	0.25	0.17	0.09	0.10		
6	0.06	0.05	0.11	0.05	0.13	0.31	0.13	0.12	0.29	0.17	0.11	0.08		
7	0.06	0.08	0.13	0.08	0.15	0.32	0.13	0.18	0.28	0.19	0.08	0.06		
8	0.02	0.06	0.12	0.10	0.15	0.39	0.12	0.19	0.30	0.20	0.12	0.12		
9	0.02	0.06	0.16	0.08	0.14	0.40	0.11	0.18	0.27	0.25	0.11	0.09		
10	0.02	0.06	0.17	0.08	0.12	0.32	0.13	0.17	0.24	0.22	0.09	0.08		
11	0.03	0.08	0.16	0.07	0.14	0.33	0.13	0.18	0.25	0.18	0.07	0.09		
12	0.03	-0.05	0.15	0.08	0.14	0.31	0.11	0.19	0.25	0.18	-0.09	0.07		
13	0.04	-0.14	0.16	0.08	0.13	0.31	0.12	0.19	0.26	0.19	0.08	0.07		
14	0.04	0.04	0.19	0.08	0.13	0.31	0.12	0.14	0.27	0.18	0.09	0.08		
15	0.05	0.05	0.09	0.09	0.16	0.38	0.13	0.14	0.10	0.19	0.03	0.11		
16	0.05	0.07	0.15	0.08	0.16	0.11	0.15	0.15	0.09	0.18	0.03	0.15		
17	0.05	0.07	0.06	0.09	0.19	0.10	0.14	0.18	0.11	0.19	0.03	0.14		
18	0.05	0.08	0.07	0.09	0.21	0.13	0.12	0.26	0.10	0.23	0.04	0.12		
19	0.04	0.08	0.07	0.08	0.19	0.13	0.12	0.21	0.11	0.21	0.04	0.10		
20	0.04	0.11	0.06	0.08	0.19	0.10	0.12	0.12	0.11	0.20	0.04	0.08		
21	0.03	0.12	0.07	0.10	0.20	0.11	0.13	0.18	0.12	0.21	0.04	0.09		
22	0.04	0.10	0.05	0.11	0.23	0.09	0.15	0.16	0.14	0.22	0.08	0.11		
23	0.04	0.08	0.06	0.08	0.21	0.10	0.13	0.21	0.11	0.20	0.07	0.11		
24	0.06	0.10	0.07	0.08	0.22	0.09	0.15	0.17	0.11	0.18	0.05	0.06		
25	0.06	-0.09	0.07	0.10	0.23	0.09	0.14	0.19	0.12	0.29	0.05	0.10		
26	0.07	0.02	0.07	0.11	0.21	0.09	0.13	0.21	0.14	0.24	0.05	0.15		
27	0.05	0.07	0.08	0.12	0.22	0.10	0.16	0.18	0.17	0.18	0.10	0.09		
28	0.05	0.09	0.09	0.13	0.25	0.11	0.07	0.20	0.16	0.15	0.11	0.09		
29	0.05		0.08	0.13	0.30	0.12	0.14	0.24	0.16	0.19	0.08	0.08		
30	0.06		0.07	0.12	0.30	0.12	0.13	0.23	0.18	0.14	0.07	0.07		
31	0.07		0.07		0.26		0.13	0.22		0.17		0.08		

(Daily Kc values)		Sheet G: Page 2 of 2			2003	CROP ET						
Alfalfa-seed												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.330	0.495	0.839	0.329	0.478	0.854	0.329	0.486	0.870	0.848	1.104	0.809
2	0.332	0.504	0.854	0.330	0.486	0.870	0.330	0.495	0.887	0.880	1.104	0.846
3	0.334	0.513	0.870	0.332	0.495	0.887	0.332	0.504	0.903	0.912	1.104	0.883
4	0.336	0.523	0.887	0.334	0.504	0.903	0.334	0.513	0.920	0.944	1.104	0.920
5	0.339	0.533	0.903	0.336	0.513	0.920	0.336	0.523	0.937	0.976	1.104	0.956
6	0.342	0.543	0.920	0.339	0.523	0.937	0.339	0.533	0.954	1.008	1.104	0.993
7	0.345	0.553	0.937	0.342	0.533	0.954	0.342	0.543	0.971	1.040	1.104	1.030
8	0.348	0.564	0.954	0.345	0.543	0.971	0.345	0.553	0.989	1.072	1.104	1.067
9	0.351	0.574	0.971	0.348	0.553	0.989	0.348	0.564	1.006	1.104	1.104	1.104
10	0.355	0.585	0.989	0.351	0.564	1.006	0.351	0.574	1.024	1.104	1.104	1.104
11	0.359	0.597	1.006	0.355	0.574	1.024	0.355	0.585	1.043	1.104	1.104	1.104
12	0.363	0.608	1.024	0.359	0.585	1.043	0.359	0.597	1.061	1.104	1.104	1.104
13	0.367	0.620	1.043	0.363	0.597	1.061	0.363	0.608	1.080	1.104	1.104	1.104
14	0.372	0.632	1.061	0.367	0.608	1.080	0.367	0.620	1.099	1.104	1.104	1.104
15	0.377	0.644	1.080	0.372	0.620	1.099	0.372	0.632	0.368	1.104	0.368	1.104
16	0.382	0.656	1.099	0.377	0.632	0.334	0.377	0.644	0.368	1.104	0.368	1.104
17	0.387	0.669	0.334	0.382	0.644	0.332	0.382	0.656	0.400	1.104	0.368	1.104
18	0.393	0.682	0.332	0.387	0.656	0.330	0.387	0.669	0.432	1.104	0.368	1.104
19	0.398	0.695	0.330	0.393	0.669	0.329	0.393	0.682	0.464	1.104	0.368	1.104
20	0.404	0.708	0.329	0.398	0.682	0.328	0.398	0.695	0.496	1.104	0.405	1.104
21	0.411	0.722	0.328	0.404	0.695	0.326	0.404	0.708	0.528	1.104	0.441	1.104
22	0.417	0.735	0.326	0.411	0.708	0.326	0.411	0.722	0.560	1.104	0.478	1.104
23	0.424	0.750	0.326	0.417	0.722	0.325	0.417	0.735	0.592	1.104	0.515	1.104
24	0.431	0.764	0.325	0.424	0.735	0.325	0.424	0.750	0.624	1.104	0.552	1.104
25	0.438	0.778	0.325	0.431	0.750	0.325	0.431	0.764	0.656	1.104	0.589	1.104
26	0.445	0.793	0.325	0.438	0.764	0.325	0.438	0.778	0.688	1.104	0.625	1.104
27	0.453	0.808	0.325	0.445	0.778	0.325	0.445	0.793	0.720	1.104	0.662	1.104
28	0.461	0.823	0.325	0.453	0.793	0.326	0.453	0.808	0.752	1.104	0.699	1.104
29	0.469		0.326	0.461	0.808	0.326	0.461	0.823	0.784	1.104	0.736	1.104
30	0.478		0.326	0.469	0.823	0.328	0.469	0.839	0.816	1.104	0.773	1.104
31	0.486		0.328		0.839		0.478	0.854		1.104		1.104

Yuma Area ET-Rate Table			Sheet H: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Cotton)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00		41.06
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.00	0.06	0.06	0.15	0.30	0.31	0.31	0.15	0.00	0.00		
2	0.00	0.00	0.00	0.07	0.06	0.18	0.29	0.31	0.27	0.16	0.00	0.00		
3	0.00	0.00	0.00	0.06	0.07	0.20	0.30	0.35	0.35	0.15	0.00	0.00		
4	0.00	0.00	0.00	0.05	0.07	0.19	0.30	0.33	0.35	0.12	0.00	0.00		
5	0.00	0.00	0.00	0.06	0.06	0.20	0.33	0.35	0.30	0.12	0.00	0.00		
6	0.00	0.00	0.00	0.04	0.07	0.19	0.32	0.26	0.33	0.12	0.00	0.00		
7	0.00	0.00	0.00	0.06	0.08	0.20	0.33	0.38	0.32	0.12	0.00	0.00		
8	0.00	0.00	0.00	0.07	0.09	0.24	0.30	0.39	0.32	0.12	0.00	0.00		
9	0.00	0.00	0.00	0.06	0.08	0.25	0.29	0.36	0.29	0.15	0.00	0.00		
10	0.00	0.00	0.00	0.06	0.07	0.20	0.35	0.34	0.24	0.13	0.00	0.00		
11	0.00	0.00	0.00	0.05	0.08	0.20	0.35	0.35	0.25	0.10	0.00	0.00		
12	0.00	0.00	0.00	0.05	0.08	0.19	0.30	0.36	0.25	0.10	0.00	0.00		
13	0.00	0.00	0.00	0.06	0.08	0.19	0.30	0.35	0.24	0.10	0.00	0.00		
14	0.00	0.00	0.00	0.06	0.08	0.19	0.32	0.26	0.25	0.09	0.00	0.00		
15	0.00	0.00	0.02	0.06	0.09	0.24	0.33	0.25	0.26	0.00	0.00	0.00		
16	0.00	0.00	0.02	0.05	0.10	0.23	0.38	0.26	0.23	0.00	0.00	0.00		
17	0.00	0.00	0.04	0.06	0.11	0.20	0.35	0.30	0.26	0.00	0.00	0.00		
18	0.00	0.00	0.05	0.06	0.13	0.27	0.31	0.44	0.23	0.00	0.00	0.00		
19	0.00	0.00	0.06	0.05	0.12	0.27	0.30	0.35	0.22	0.00	0.00	0.00		
20	0.00	0.00	0.05	0.05	0.12	0.21	0.31	0.19	0.20	0.00	0.00	0.00		
21	0.00	0.00	0.06	0.06	0.13	0.24	0.32	0.28	0.21	0.00	0.00	0.00		
22	0.00	0.00	0.04	0.07	0.14	0.21	0.37	0.25	0.22	0.00	0.00	0.00		
23	0.00	0.00	0.05	0.05	0.13	0.22	0.32	0.31	0.16	0.00	0.00	0.00		
24	0.00	0.00	0.05	0.05	0.14	0.20	0.38	0.25	0.15	0.00	0.00	0.00		
25	0.00	0.00	0.05	0.06	0.14	0.22	0.34	0.28	0.16	0.00	0.00	0.00		
26	0.00	0.00	0.05	0.07	0.13	0.22	0.31	0.30	0.16	0.00	0.00	0.00		
27	0.00	0.00	0.07	0.07	0.14	0.25	0.38	0.26	0.19	0.00	0.00	0.00		
28	0.00	0.00	0.08	0.07	0.16	0.28	0.17	0.28	0.17	0.00	0.00	0.00		
29	0.00		0.06	0.08	0.19	0.30	0.33	0.33	0.16	0.00	0.00	0.00		
30	0.00		0.06	0.07	0.19	0.29	0.31	0.31	0.17	0.00	0.00	0.00		
31	0.00		0.05		0.16		0.30	0.29		0.00		0.00		

(Daily Kc values)		Sheet H: Page 2 of 2			2003	CROP ET								
Cotton														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.000	0.000	0.000	0.261	0.261	0.539	0.826	1.122	1.122	0.753	0.000	0.000		
2	0.000	0.000	0.000	0.261	0.261	0.548	0.835	1.122	1.122	0.739	0.000	0.000		
3	0.000	0.000	0.000	0.261	0.261	0.558	0.845	1.122	1.122	0.725	0.000	0.000		
4	0.000	0.000	0.000	0.261	0.271	0.567	0.854	1.122	1.122	0.711	0.000	0.000		
5	0.000	0.000	0.000	0.261	0.280	0.577	0.864	1.122	1.122	0.697	0.000	0.000		
6	0.000	0.000	0.000	0.261	0.290	0.586	0.873	1.122	1.108	0.682	0.000	0.000		
7	0.000	0.000	0.000	0.261	0.300	0.596	0.883	1.122	1.094	0.668	0.000	0.000		
8	0.000	0.000	0.000	0.261	0.309	0.606	0.892	1.122	1.079	0.654	0.000	0.000		
9	0.000	0.000	0.000	0.261	0.319	0.615	0.902	1.122	1.065	0.640	0.000	0.000		
10	0.000	0.000	0.000	0.261	0.328	0.625	0.912	1.122	1.051	0.626	0.000	0.000		
11	0.000	0.000	0.000	0.261	0.338	0.634	0.921	1.122	1.037	0.612	0.000	0.000		
12	0.000	0.000	0.000	0.261	0.347	0.644	0.931	1.122	1.023	0.597	0.000	0.000		
13	0.000	0.000	0.000	0.261	0.357	0.653	0.940	1.122	1.009	0.583	0.000	0.000		
14	0.000	0.000	0.000	0.261	0.367	0.663	0.950	1.122	0.994	0.569	0.000	0.000		
15	0.000	0.000	0.261	0.261	0.376	0.673	0.959	1.122	0.980	0.000	0.000	0.000		
16	0.000	0.000	0.261	0.261	0.386	0.682	0.969	1.122	0.966	0.000	0.000	0.000		
17	0.000	0.000	0.261	0.261	0.395	0.692	0.978	1.122	0.952	0.000	0.000	0.000		
18	0.000	0.000	0.261	0.261	0.405	0.701	0.988	1.122	0.938	0.000	0.000	0.000		
19	0.000	0.000	0.261	0.261	0.414	0.711	0.998	1.122	0.923	0.000	0.000	0.000		
20	0.000	0.000	0.261	0.261	0.424	0.720	1.007	1.122	0.909	0.000	0.000	0.000		
21	0.000	0.000	0.261	0.261	0.433	0.730	1.017	1.122	0.895	0.000	0.000	0.000		
22	0.000	0.000	0.261	0.261	0.443	0.739	1.026	1.122	0.881	0.000	0.000	0.000		
23	0.000	0.000	0.261	0.261	0.453	0.749	1.036	1.122	0.867	0.000	0.000	0.000		
24	0.000	0.000	0.261	0.261	0.462	0.759	1.045	1.122	0.853	0.000	0.000	0.000		
25	0.000	0.000	0.261	0.261	0.472	0.768	1.055	1.122	0.838	0.000	0.000	0.000		
26	0.000	0.000	0.261	0.261	0.481	0.778	1.065	1.122	0.824	0.000	0.000	0.000		
27	0.000	0.000	0.261	0.261	0.491	0.787	1.074	1.122	0.810	0.000	0.000	0.000		
28	0.000	0.000	0.261	0.261	0.500	0.797	1.084	1.122	0.796	0.000	0.000	0.000		
29	0.000		0.261	0.261	0.510	0.806	1.093	1.122	0.782	0.000	0.000	0.000		
30	0.000		0.261	0.261	0.520	0.816	1.103	1.122	0.768	0.000	0.000	0.000		
31	0.000		0.261		0.529		1.112	1.122		0.000		0.000		

Yuma Area ET-Rate Table			Sheet I: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Small Grains includes oats, rye, barley, millet, and wheat)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90		21.93
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.06	0.15	0.12	0.26	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
2	0.08	0.18	0.17	0.28	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
3	0.08	0.16	0.09	0.25	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
4	0.08	0.10	0.12	0.22	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
5	0.09	0.16	0.15	0.25	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
6	0.12	0.11	0.13	0.18	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
7	0.11	0.17	0.16	0.25	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
8	0.05	0.12	0.15	0.31	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
9	0.05	0.11	0.18	0.27	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
10	0.05	0.12	0.19	0.25	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
11	0.06	0.15	0.18	0.23	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
12	0.07	-0.03	0.17	0.22	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
13	0.09	-0.12	0.17	0.23	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
14	0.09	0.08	0.20	0.23	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
15	0.11	0.09	0.09	0.23	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
16	0.13	0.11	0.15	0.20	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
17	0.13	0.11	0.20	0.22	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
18	0.12	0.13	0.22	0.21	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
19	0.09	0.13	0.25	0.19	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
20	0.09	0.18	0.20	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
21	0.07	0.19	0.25	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
22	0.10	0.15	0.18	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
23	0.11	0.12	0.20	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
24	0.15	0.15	0.23	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
25	0.16	-0.06	0.22	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
26	0.17	0.05	0.22	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06		
27	0.13	0.10	0.28	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
28	0.11	0.12	0.32	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
29	0.12		0.27	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
30	0.15		0.26	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03		
31	0.16		0.22		0.00		0.00	0.00		0.00		0.04		

(Daily Kc values)		Sheet I: Page 2 of 2			2003	CROP ET								
Small Grain														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.571	1.116	1.116	1.116	0.672	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
2	0.594	1.116	1.116	1.116	0.652	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
3	0.618	1.116	1.116	1.116	0.631	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
4	0.642	1.116	1.116	1.116	0.611	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
5	0.666	1.116	1.116	1.116	0.591	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
6	0.689	1.116	1.116	1.116	0.571	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
7	0.713	1.116	1.116	1.116	0.551	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
8	0.737	1.116	1.116	1.116	0.530	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
9	0.760	1.116	1.116	1.116	0.510	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
10	0.784	1.116	1.116	1.096	0.490	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
11	0.808	1.116	1.116	1.076	0.470	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
12	0.832	1.116	1.116	1.056	0.450	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
13	0.855	1.116	1.116	1.035	0.429	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
14	0.879	1.116	1.116	1.015	0.409	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
15	0.903	1.116	1.116	0.995	0.389	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
16	0.926	1.116	1.116	0.975	0.369	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
17	0.950	1.116	1.116	0.955	0.349	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
18	0.974	1.116	1.116	0.934	0.328	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
19	0.998	1.116	1.116	0.914	0.308	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
20	1.021	1.116	1.116	0.894	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.286		
21	1.045	1.116	1.116	0.874	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.310		
22	1.069	1.116	1.116	0.854	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.334		
23	1.092	1.116	1.116	0.833	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.357		
24	1.116	1.116	1.116	0.813	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.381		
25	1.116	1.116	1.116	0.793	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.405		
26	1.116	1.116	1.116	0.773	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.428		
27	1.116	1.116	1.116	0.753	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.452		
28	1.116	1.116	1.116	0.732	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.476		
29	1.116		1.116	0.712	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500		
30	1.116		1.116	0.692	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.523		
31	1.116		1.116		0.000		0.000	0.000		0.000		0.547		

Yuma Area ET-Rate Table			Sheet J: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Field Grain includes field & sweet corn, sorghum, and milo)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00		28.90
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.04	0.20	0.27	0.32	0.00	0.00	0.00	0.00	0.00	0.00		
2	0.00	0.00	0.05	0.23	0.29	0.36	0.00	0.00	0.00	0.00	0.00	0.00		
3	0.00	0.00	0.03	0.21	0.32	0.38	0.00	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.00	0.04	0.19	0.31	0.35	0.00	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.00	0.04	0.21	0.27	0.35	0.00	0.00	0.00	0.00	0.00	0.00		
6	0.00	0.00	0.04	0.16	0.30	0.34	0.00	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.00	0.05	0.22	0.33	0.34	0.00	0.00	0.00	0.00	0.00	0.00		
8	0.00	0.00	0.05	0.29	0.33	0.39	0.00	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.00	0.06	0.25	0.31	0.38	0.00	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.00	0.07	0.25	0.26	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
11	0.00	0.00	0.07	0.23	0.29	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
12	0.00	0.00	0.07	0.24	0.29	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
13	0.00	0.00	0.07	0.25	0.26	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
14	0.00	0.00	0.09	0.27	0.26	0.24	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.03	0.04	0.27	0.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.03	0.06	0.24	0.30	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
17	0.00	0.03	0.10	0.27	0.34	0.22	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.04	0.12	0.27	0.38	0.28	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.04	0.14	0.25	0.33	0.27	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.05	0.11	0.25	0.33	0.20	0.00	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.06	0.14	0.29	0.34	0.22	0.00	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.04	0.11	0.32	0.38	0.18	0.00	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.04	0.13	0.23	0.34	0.18	0.00	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.04	0.15	0.24	0.36	0.16	0.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	-0.12	0.15	0.27	0.36	0.16	0.00	0.00	0.00	0.00	0.00	0.00		
26	0.00	-0.03	0.15	0.30	0.33	0.15	0.00	0.00	0.00	0.00	0.00	0.00		
27	0.00	0.03	0.20	0.31	0.33	0.16	0.00	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.04	0.23	0.33	0.38	0.17	0.00	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.20	0.34	0.44	0.17	0.00	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.20	0.30	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.17		0.36		0.00	0.00		0.00		0.00		

(Daily Kc values)		Sheet J: Page 2 of 2			2003	CROP ET						
Field Grain												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.000	0.337	0.890	1.189	1.140	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.337	0.912	1.189	1.115	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.337	0.933	1.189	1.091	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.337	0.954	1.189	1.066	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.337	0.976	1.189	1.042	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.337	0.997	1.189	1.018	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.358	1.018	1.189	0.993	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.379	1.039	1.189	0.969	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.401	1.061	1.189	0.944	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.422	1.082	1.189	0.920	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.443	1.103	1.189	0.896	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.464	1.125	1.189	0.871	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.486	1.146	1.189	0.847	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.507	1.167	1.189	0.822	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.337	0.528	1.189	1.189	0.798	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.337	0.550	1.189	1.189	0.774	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.337	0.571	1.189	1.189	0.749	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.337	0.592	1.189	1.189	0.725	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.337	0.614	1.189	1.189	0.700	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.337	0.635	1.189	1.189	0.676	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.337	0.656	1.189	1.189	0.652	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.337	0.677	1.189	1.189	0.627	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.337	0.699	1.189	1.189	0.603	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.337	0.720	1.189	1.189	0.578	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.337	0.741	1.189	1.189	0.554	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.337	0.763	1.189	1.189	0.529	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.337	0.784	1.189	1.189	0.505	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.337	0.805	1.189	1.189	0.481	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000		0.827	1.189	1.189	0.456	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000		0.848	1.189	1.189	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000		0.869		1.164		0.000	0.000		0.000		0.000

Yuma Area ET-Rate Table			Sheet K: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Lettuce-6a early Sept 15 - Nov 28)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Lettuce-early	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00		8.63
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.13	0.00		
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.12	0.00		
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.16	0.00		
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.00		
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.08	0.00		
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.00		
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.07	0.00		
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.11	0.00		
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.10	0.00		
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.08	0.00		
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.06	0.00		
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	-0.09	0.00		
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.07	0.00		
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.08	0.00		
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.12	0.07	0.00		
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.12	0.09	0.00		
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.13	0.07	0.00		
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.17	0.10	0.00		
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.15	0.12	0.00		
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.15	0.09	0.00		
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.16	0.09	0.00		
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.17	0.15	0.00		
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.16	0.12	0.00		
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.14	0.08	0.00		
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.24	0.07	0.00		
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.21	0.07	0.00		
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.15	0.14	0.00		
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.14	0.14	0.00		
29	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.17	0.00	0.00		
30	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.13	0.00	0.00		
31	0.00		0.00		0.00		0.00	0.00		0.15		0.00		

(Daily Kc values)		Sheet K: Page 2 of 2			2003	CROP ET						
Lettuce-early												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.998	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.998	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.998	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.998	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.541	0.998	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.560	0.998	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.579	0.998	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.598	0.998	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.617	0.998	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.636	0.998	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.656	0.998	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.675	0.998	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.694	0.998	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.713	0.998	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.732	0.998	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.751	0.998	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.770	0.998	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.789	0.998	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.808	0.988	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.827	0.977	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.846	0.967	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.865	0.957	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.884	0.946	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.903	0.936	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.922	0.926	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.941	0.915	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.960	0.905	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.979	0.895	0.000
29	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.998	0.000	0.000
30	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.998	0.000	0.000
31	0.000		0.000		0.000		0.000	0.000		0.998		0.000

Yuma Area ET-Rate Table			Sheet L: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Lettuce-6b late Dec 5 - Feb 17)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Lettuce-late	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86		6.70
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.09	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	0.12	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
3	0.11	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
4	0.11	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
5	0.12	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08		
6	0.16	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06		
7	0.15	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05		
8	0.06	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09		
9	0.06	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06		
10	0.06	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06		
11	0.08	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06		
12	0.08	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05		
13	0.10	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05		
14	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06		
15	0.12	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08		
16	0.14	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11		
17	0.14	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10		
18	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09		
19	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07		
20	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06		
21	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06		
22	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08		
23	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08		
24	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
25	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07		
26	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11		
27	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07		
28	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07		
29	0.11		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06		
30	0.13		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05		
31	0.14		0.00		0.00		0.00	0.00		0.00		0.06		

(Daily Kc values)		Sheet L: Page 2 of 2			2003	CROP ET						
Lettuce-late												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.856	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.864	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.873	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.881	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.890	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
6	0.898	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
7	0.907	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
8	0.915	0.989	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
9	0.924	0.978	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
10	0.932	0.967	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
11	0.941	0.955	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
12	0.949	0.944	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
13	0.958	0.933	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
14	0.966	0.922	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
15	0.975	0.910	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
16	0.983	0.899	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
17	0.992	0.888	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
18	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
19	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
20	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
21	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
22	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
23	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
24	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.788
25	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.797
26	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.805
27	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.814
28	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.822
29	1.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.831
30	1.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.839
31	1.000		0.000		0.000		0.000	0.000		0.000		0.848

Yuma Area ET-Rate Table			Sheet M: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Melons-7a spring Feb 1 - May 31)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		21.54
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.09	0.08	0.23	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	0.00	0.12	0.12	0.25	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
3	0.00	0.10	0.06	0.22	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.07	0.09	0.20	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.10	0.10	0.22	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
6	0.00	0.07	0.10	0.16	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.11	0.11	0.22	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
8	0.00	0.08	0.11	0.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.07	0.13	0.24	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.08	0.14	0.23	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
11	0.00	0.09	0.13	0.21	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
12	0.00	-0.05	0.13	0.21	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
13	0.00	-0.13	0.13	0.22	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
14	0.00	0.05	0.16	0.23	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.06	0.07	0.23	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.07	0.12	0.20	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
17	0.00	0.07	0.16	0.23	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.09	0.18	0.23	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.09	0.20	0.21	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.12	0.16	0.21	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.12	0.20	0.24	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.09	0.15	0.27	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.08	0.17	0.19	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.09	0.20	0.20	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	-0.09	0.19	0.23	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
26	0.00	0.01	0.19	0.25	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
27	0.00	0.07	0.24	0.26	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.08	0.28	0.28	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.24	0.29	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.23	0.25	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.20		0.25		0.00	0.00		0.00		0.00		

(Daily Kc values)		Sheet M: Page 2 of 2			2003	CROP ET						
Melons-spring												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.730	0.762	1.009	1.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.730	0.770	1.009	1.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.730	0.778	1.009	1.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.730	0.786	1.009	1.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.730	0.794	1.009	1.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.730	0.802	1.009	1.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.730	0.810	1.009	1.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.730	0.818	1.009	1.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.730	0.826	1.009	1.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.730	0.834	1.009	1.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.730	0.842	1.009	1.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.730	0.849	1.009	0.999	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.730	0.857	1.009	0.990	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.730	0.865	1.009	0.980	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.730	0.873	1.009	0.971	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.730	0.881	1.009	0.961	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.730	0.889	1.009	0.951	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.730	0.897	1.009	0.942	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.730	0.905	1.009	0.932	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.730	0.913	1.009	0.923	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.730	0.921	1.009	0.913	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.730	0.929	1.009	0.903	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.730	0.937	1.009	0.894	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.730	0.945	1.009	0.884	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.730	0.953	1.009	0.875	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.738	0.961	1.009	0.865	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.746	0.969	1.009	0.855	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.754	0.977	1.009	0.846	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000		0.985	1.009	0.836	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000		0.993	1.009	0.827	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000		1.001		0.817		0.000	0.000		0.000		0.000

Yuma Area ET-Rate Table			Sheet N: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Melons-7b fall Sep 1 - Dec 29)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47		13.90
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.13	0.13	0.08		
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.15	0.12	0.09		
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.15	0.16	0.10		
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.12	0.09	0.10		
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.12	0.08	0.10		
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.13	0.10	0.08		
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.14	0.07	0.06		
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.15	0.11	0.11		
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.18	0.10	0.08		
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.16	0.08	0.07		
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.13	0.06	0.08		
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.14	-0.09	0.06		
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.15	0.07	0.06		
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.14	0.08	0.07		
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.15	0.07	0.10		
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.15	0.09	0.13		
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.16	0.07	0.12		
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.20	0.10	0.10		
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.19	0.12	0.08		
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.18	0.09	0.07		
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.19	0.09	0.07		
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.20	0.16	0.09		
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.18	0.13	0.09		
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.16	0.09	0.05		
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.26	0.08	0.08		
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.22	0.08	0.13		
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.16	0.15	0.07		
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.14	0.16	0.07		
29	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.17	0.11	0.06		
30	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.13	0.09	0.00		
31	0.00		0.00		0.00		0.00	0.00		0.15		0.00		

(Daily Kc values)		Sheet N: Page 2 of 2			2003	CROP ET						
Melons-fall												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.660	0.998	0.998
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.678	0.998	0.998
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.695	0.998	0.998
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.713	0.998	0.998
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.731	0.998	0.998
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.749	0.998	0.998
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.767	0.998	0.998
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.784	0.998	0.998
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.802	0.998	0.998
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.820	0.998	0.993
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.838	0.998	0.987
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.856	0.998	0.982
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.873	0.998	0.977
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.891	0.998	0.971
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.909	0.998	0.966
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.927	0.998	0.960
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.945	0.998	0.955
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.962	0.998	0.950
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.980	0.998	0.944
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.998	0.998	0.939
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.482	0.998	0.998	0.934
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.998	0.998	0.928
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.517	0.998	0.998	0.923
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.535	0.998	0.998	0.917
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.553	0.998	0.998	0.912
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.571	0.998	0.998	0.907
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.589	0.998	0.998	0.901
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.606	0.998	0.998	0.896
29	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.624	0.998	0.998	0.890
30	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.642	0.998	0.998	0.000
31	0.000		0.000		0.000		0.000	0.000		0.998		0.000

Yuma Area ET-Rate Table			Sheet O: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Bermuda Grass-8a)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00		40.27
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.00	0.09	0.15	0.24	0.30	0.24	0.23	0.16	0.00	0.00		
2	0.00	0.00	0.00	0.09	0.16	0.27	0.30	0.24	0.20	0.18	0.00	0.00		
3	0.00	0.00	0.00	0.08	0.18	0.30	0.30	0.26	0.25	0.00	0.00	0.00		
4	0.00	0.00	0.00	0.07	0.18	0.28	0.30	0.24	0.25	0.00	0.00	0.00		
5	0.00	0.00	0.00	0.08	0.17	0.29	0.32	0.26	0.22	0.00	0.00	0.00		
6	0.00	0.00	0.00	0.06	0.19	0.28	0.31	0.19	0.25	0.00	0.00	0.00		
7	0.00	0.00	0.00	0.08	0.22	0.29	0.31	0.29	0.24	0.00	0.00	0.00		
8	0.00	0.00	0.00	0.10	0.22	0.34	0.29	0.29	0.25	0.00	0.00	0.00		
9	0.00	0.00	0.00	0.09	0.21	0.34	0.27	0.27	0.22	0.00	0.00	0.00		
10	0.00	0.00	0.00	0.09	0.19	0.27	0.32	0.25	0.19	0.00	0.00	0.00		
11	0.00	0.00	0.00	0.08	0.20	0.27	0.32	0.26	0.20	0.00	0.00	0.00		
12	0.00	0.00	0.00	0.08	0.20	0.25	0.27	0.27	0.20	0.00	0.00	0.00		
13	0.00	0.00	0.00	0.08	0.19	0.25	0.27	0.26	0.20	0.00	0.00	0.00		
14	0.00	0.00	0.00	0.09	0.19	0.25	0.29	0.19	0.20	0.00	0.00	0.00		
15	0.00	0.00	0.00	0.09	0.21	0.30	0.29	0.18	0.22	0.00	0.00	0.00		
16	0.00	0.00	0.00	0.07	0.21	0.28	0.33	0.19	0.20	0.00	0.00	0.00		
17	0.00	0.00	0.00	0.09	0.25	0.25	0.30	0.22	0.22	0.00	0.00	0.00		
18	0.00	0.00	0.00	0.09	0.27	0.32	0.26	0.32	0.19	0.00	0.00	0.00		
19	0.00	0.00	0.00	0.08	0.24	0.32	0.25	0.26	0.19	0.00	0.00	0.00		
20	0.00	0.00	0.00	0.08	0.24	0.25	0.26	0.14	0.18	0.00	0.00	0.00		
21	0.00	0.00	0.00	0.10	0.25	0.28	0.26	0.21	0.19	0.00	0.00	0.00		
22	0.00	0.00	0.00	0.11	0.27	0.25	0.30	0.18	0.20	0.00	0.00	0.00		
23	0.00	0.00	0.00	0.08	0.25	0.25	0.26	0.23	0.15	0.00	0.00	0.00		
24	0.00	0.00	0.00	0.09	0.25	0.23	0.30	0.18	0.14	0.00	0.00	0.00		
25	0.00	0.00	0.00	0.11	0.25	0.24	0.27	0.21	0.15	0.00	0.00	0.00		
26	0.00	0.00	0.00	0.13	0.24	0.24	0.25	0.22	0.16	0.00	0.00	0.00		
27	0.00	0.00	0.00	0.14	0.24	0.27	0.30	0.19	0.19	0.00	0.00	0.00		
28	0.00	0.00	0.00	0.16	0.27	0.30	0.14	0.21	0.17	0.00	0.00	0.00		
29	0.00		0.00	0.17	0.31	0.31	0.25	0.24	0.17	0.00	0.00	0.00		
30	0.00		0.00	0.15	0.31	0.30	0.24	0.23	0.18	0.00	0.00	0.00		
31	0.00		0.00		0.26		0.23	0.21		0.00		0.00		

(Daily Kc values)		Sheet O: Page 2 of 2			2003	CROP ET						
Bermuda												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.000	0.000	0.372	0.633	0.846	0.846	0.844	0.823	0.803	0.000	0.000
2	0.000	0.000	0.000	0.372	0.657	0.846	0.846	0.843	0.822	0.802	0.000	0.000
3	0.000	0.000	0.000	0.372	0.680	0.846	0.846	0.843	0.822	0.000	0.000	0.000
4	0.000	0.000	0.000	0.372	0.704	0.846	0.846	0.842	0.821	0.000	0.000	0.000
5	0.000	0.000	0.000	0.372	0.728	0.846	0.846	0.841	0.820	0.000	0.000	0.000
6	0.000	0.000	0.000	0.372	0.751	0.846	0.846	0.841	0.820	0.000	0.000	0.000
7	0.000	0.000	0.000	0.372	0.775	0.846	0.846	0.840	0.819	0.000	0.000	0.000
8	0.000	0.000	0.000	0.372	0.799	0.846	0.846	0.839	0.818	0.000	0.000	0.000
9	0.000	0.000	0.000	0.372	0.822	0.846	0.846	0.839	0.818	0.000	0.000	0.000
10	0.000	0.000	0.000	0.372	0.846	0.846	0.846	0.838	0.817	0.000	0.000	0.000
11	0.000	0.000	0.000	0.372	0.846	0.846	0.846	0.837	0.816	0.000	0.000	0.000
12	0.000	0.000	0.000	0.372	0.846	0.846	0.846	0.837	0.816	0.000	0.000	0.000
13	0.000	0.000	0.000	0.372	0.846	0.846	0.846	0.836	0.815	0.000	0.000	0.000
14	0.000	0.000	0.000	0.372	0.846	0.846	0.846	0.835	0.814	0.000	0.000	0.000
15	0.000	0.000	0.000	0.372	0.846	0.846	0.846	0.835	0.813	0.000	0.000	0.000
16	0.000	0.000	0.000	0.372	0.846	0.846	0.846	0.834	0.813	0.000	0.000	0.000
17	0.000	0.000	0.000	0.372	0.846	0.846	0.846	0.833	0.812	0.000	0.000	0.000
18	0.000	0.000	0.000	0.372	0.846	0.846	0.846	0.833	0.811	0.000	0.000	0.000
19	0.000	0.000	0.000	0.372	0.846	0.846	0.846	0.832	0.811	0.000	0.000	0.000
20	0.000	0.000	0.000	0.372	0.846	0.846	0.846	0.831	0.810	0.000	0.000	0.000
21	0.000	0.000	0.000	0.396	0.846	0.846	0.846	0.831	0.809	0.000	0.000	0.000
22	0.000	0.000	0.000	0.420	0.846	0.846	0.846	0.830	0.809	0.000	0.000	0.000
23	0.000	0.000	0.000	0.443	0.846	0.846	0.846	0.829	0.808	0.000	0.000	0.000
24	0.000	0.000	0.000	0.467	0.846	0.846	0.846	0.828	0.807	0.000	0.000	0.000
25	0.000	0.000	0.000	0.491	0.846	0.846	0.846	0.828	0.807	0.000	0.000	0.000
26	0.000	0.000	0.000	0.514	0.846	0.846	0.846	0.827	0.806	0.000	0.000	0.000
27	0.000	0.000	0.000	0.538	0.846	0.846	0.846	0.826	0.805	0.000	0.000	0.000
28	0.000	0.000	0.000	0.562	0.846	0.846	0.846	0.826	0.805	0.000	0.000	0.000
29	0.000		0.000	0.586	0.846	0.846	0.846	0.825	0.804	0.000	0.000	0.000
30	0.000		0.000	0.609	0.846	0.846	0.845	0.824	0.803	0.000	0.000	0.000
31	0.000		0.000		0.846		0.845	0.824		0.000		0.000

Yuma Area ET-Rate Table			Sheet P: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Bermuda Grass overseeded with rye grass in winter-8b)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41		56.89
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.09	0.11	0.09	0.09	0.15	0.24	0.30	0.24	0.23	0.16	0.10	0.07		
2	0.12	0.14	0.12	0.09	0.16	0.27	0.30	0.24	0.20	0.18	0.09	0.08		
3	0.12	0.12	0.07	0.08	0.18	0.30	0.30	0.26	0.25	0.00	0.13	0.09		
4	0.12	0.08	0.09	0.07	0.18	0.28	0.30	0.24	0.25	0.06	0.07	0.09		
5	0.12	0.12	0.11	0.08	0.17	0.29	0.32	0.26	0.22	0.06	0.07	0.09		
6	0.16	0.09	0.10	0.06	0.19	0.28	0.31	0.19	0.25	0.06	0.09	0.07		
7	0.14	0.13	0.11	0.08	0.22	0.29	0.31	0.29	0.24	0.06	0.06	0.05		
8	0.06	0.10	0.11	0.10	0.22	0.34	0.29	0.29	0.25	0.06	0.10	0.10		
9	0.05	0.09	0.13	0.09	0.21	0.34	0.27	0.27	0.22	0.08	0.09	0.07		
10	0.05	0.09	0.14	0.09	0.19	0.27	0.32	0.25	0.19	0.07	0.07	0.06		
11	0.07	0.11	0.13	0.08	0.20	0.27	0.32	0.26	0.20	0.05	0.05	0.07		
12	0.07	-0.04	0.12	0.08	0.20	0.25	0.27	0.27	0.20	0.05	-0.09	0.05		
13	0.09	-0.13	0.12	0.08	0.19	0.25	0.27	0.26	0.20	0.06	0.06	0.05		
14	0.09	0.06	0.15	0.09	0.19	0.25	0.29	0.19	0.20	0.06	0.07	0.06		
15	0.11	0.07	0.07	0.09	0.21	0.30	0.29	0.18	0.22	0.06	0.06	0.09		
16	0.12	0.09	0.10	0.07	0.21	0.28	0.33	0.19	0.20	0.06	0.08	0.12		
17	0.12	0.09	0.14	0.09	0.25	0.25	0.30	0.22	0.22	0.07	0.06	0.12		
18	0.11	0.10	0.16	0.09	0.27	0.32	0.26	0.32	0.19	0.09	0.09	0.10		
19	0.08	0.10	0.18	0.08	0.24	0.32	0.25	0.26	0.19	0.09	0.11	0.08		
20	0.08	0.14	0.14	0.08	0.24	0.25	0.26	0.14	0.18	0.09	0.08	0.06		
21	0.06	0.14	0.18	0.10	0.25	0.28	0.26	0.21	0.19	0.10	0.08	0.07		
22	0.08	0.11	0.13	0.11	0.27	0.25	0.30	0.18	0.20	0.11	0.14	0.09		
23	0.09	0.09	0.14	0.08	0.25	0.25	0.26	0.23	0.15	0.10	0.12	0.09		
24	0.12	0.11	0.17	0.09	0.25	0.23	0.30	0.18	0.14	0.09	0.08	0.05		
25	0.12	-0.08	0.16	0.11	0.25	0.24	0.27	0.21	0.15	0.16	0.07	0.08		
26	0.13	0.02	0.16	0.13	0.24	0.24	0.25	0.22	0.16	0.14	0.07	0.12		
27	0.11	0.08	0.20	0.14	0.24	0.27	0.30	0.19	0.19	0.10	0.13	0.07		
28	0.09	0.09	0.23	0.16	0.27	0.30	0.14	0.21	0.17	0.09	0.14	0.07		
29	0.10		0.19	0.17	0.31	0.31	0.25	0.24	0.17	0.12	0.10	0.06		
30	0.11		0.18	0.15	0.31	0.30	0.24	0.23	0.18	0.09	0.08	0.05		
31	0.12		0.00		0.26		0.23	0.21		0.11		0.06		

(Daily Kc values)		Sheet P: Page 2 of 2			2003	CROP ET						
Bermuda w/ rye												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.891	0.878	0.831	0.372	0.633	0.846	0.846	0.844	0.823	0.803	0.757	0.891
2	0.891	0.876	0.829	0.372	0.657	0.846	0.846	0.843	0.822	0.802	0.779	0.891
3	0.891	0.874	0.828	0.372	0.680	0.846	0.846	0.843	0.822	0.000	0.802	0.891
4	0.891	0.873	0.826	0.372	0.704	0.846	0.846	0.842	0.821	0.334	0.824	0.891
5	0.891	0.871	0.824	0.372	0.728	0.846	0.846	0.841	0.820	0.334	0.846	0.891
6	0.891	0.869	0.823	0.372	0.751	0.846	0.846	0.841	0.820	0.334	0.869	0.891
7	0.891	0.868	0.821	0.372	0.775	0.846	0.846	0.840	0.819	0.334	0.891	0.891
8	0.891	0.866	0.819	0.372	0.799	0.846	0.846	0.839	0.818	0.334	0.891	0.891
9	0.891	0.864	0.818	0.372	0.822	0.846	0.846	0.839	0.818	0.334	0.891	0.891
10	0.891	0.863	0.816	0.372	0.846	0.846	0.846	0.838	0.817	0.334	0.891	0.891
11	0.891	0.861	0.814	0.372	0.846	0.846	0.846	0.837	0.816	0.334	0.891	0.891
12	0.891	0.859	0.813	0.372	0.846	0.846	0.846	0.837	0.816	0.334	0.891	0.891
13	0.891	0.858	0.811	0.372	0.846	0.846	0.846	0.836	0.815	0.334	0.891	0.891
14	0.891	0.856	0.809	0.372	0.846	0.846	0.846	0.835	0.814	0.356	0.891	0.891
15	0.891	0.854	0.808	0.372	0.846	0.846	0.846	0.835	0.813	0.379	0.891	0.891
16	0.891	0.853	0.806	0.372	0.846	0.846	0.846	0.834	0.813	0.401	0.891	0.891
17	0.891	0.851	0.804	0.372	0.846	0.846	0.846	0.833	0.812	0.423	0.891	0.891
18	0.891	0.849	0.803	0.372	0.846	0.846	0.846	0.833	0.811	0.445	0.891	0.891
19	0.891	0.848	0.801	0.372	0.846	0.846	0.846	0.832	0.811	0.468	0.891	0.891
20	0.891	0.846	0.799	0.372	0.846	0.846	0.846	0.831	0.810	0.490	0.891	0.891
21	0.891	0.844	0.798	0.396	0.846	0.846	0.846	0.831	0.809	0.512	0.891	0.891
22	0.891	0.843	0.796	0.420	0.846	0.846	0.846	0.830	0.809	0.535	0.891	0.891
23	0.891	0.841	0.794	0.443	0.846	0.846	0.846	0.829	0.808	0.557	0.891	0.891
24	0.891	0.839	0.793	0.467	0.846	0.846	0.846	0.828	0.807	0.579	0.891	0.891
25	0.889	0.838	0.791	0.491	0.846	0.846	0.846	0.828	0.807	0.601	0.891	0.891
26	0.888	0.836	0.789	0.514	0.846	0.846	0.846	0.827	0.806	0.624	0.891	0.891
27	0.886	0.834	0.788	0.538	0.846	0.846	0.846	0.826	0.805	0.646	0.891	0.891
28	0.884	0.833	0.786	0.562	0.846	0.846	0.846	0.826	0.805	0.668	0.891	0.891
29	0.883		0.784	0.586	0.846	0.846	0.846	0.825	0.804	0.690	0.891	0.891
30	0.881		0.783	0.609	0.846	0.846	0.845	0.824	0.803	0.713	0.891	0.891
31	0.879		0.000		0.846		0.845	0.824		0.735		0.891

Yuma Area ET-Rate Table			Sheet Q: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Citrus-9a young, 1 to 2 meter size)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15		26.46
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.04	0.05	0.04	0.09	0.08	0.10	0.12	0.10	0.10	0.07	0.05	0.03		
2	0.06	0.07	0.06	0.09	0.09	0.11	0.12	0.10	0.08	0.08	0.05	0.04		
3	0.06	0.06	0.03	0.08	0.10	0.12	0.12	0.11	0.11	0.08	0.06	0.04		
4	0.06	0.04	0.04	0.08	0.09	0.11	0.12	0.10	0.11	0.06	0.04	0.04		
5	0.05	0.06	0.05	0.08	0.08	0.12	0.13	0.11	0.09	0.06	0.03	0.04		
6	0.07	0.04	0.05	0.06	0.09	0.11	0.13	0.08	0.10	0.06	0.04	0.03		
7	0.07	0.06	0.05	0.08	0.10	0.12	0.13	0.12	0.10	0.07	0.03	0.03		
8	0.03	0.04	0.05	0.10	0.10	0.14	0.12	0.12	0.10	0.07	0.04	0.05		
9	0.03	0.04	0.06	0.09	0.09	0.14	0.11	0.11	0.09	0.08	0.04	0.03		
10	0.03	0.04	0.07	0.09	0.08	0.11	0.13	0.10	0.08	0.07	0.03	0.03		
11	0.03	0.05	0.06	0.08	0.09	0.11	0.13	0.11	0.08	0.06	0.00	0.03		
12	0.03	-0.06	0.06	0.08	0.08	0.10	0.11	0.11	0.08	0.06	-0.10	0.03		
13	0.04	-0.15	0.06	0.08	0.08	0.10	0.11	0.11	0.08	0.06	0.03	0.03		
14	0.04	0.02	0.07	0.08	0.08	0.10	0.12	0.08	0.09	0.06	0.03	0.03		
15	0.05	0.03	0.03	0.08	0.09	0.12	0.12	0.08	0.09	0.06	0.03	0.04		
16	0.06	0.04	0.04	0.07	0.09	0.11	0.13	0.08	0.08	0.06	0.04	0.06		
17	0.06	0.04	0.07	0.08	0.10	0.10	0.12	0.09	0.09	0.06	0.03	0.06		
18	0.05	0.05	0.08	0.08	0.11	0.13	0.11	0.13	0.08	0.08	0.04	0.05		
19	0.04	0.05	0.08	0.08	0.10	0.13	0.10	0.11	0.08	0.07	0.05	0.04		
20	0.04	0.06	0.07	0.08	0.10	0.10	0.11	0.06	0.08	0.07	0.04	0.03		
21	0.03	0.07	0.08	0.09	0.10	0.11	0.11	0.09	0.08	0.07	0.04	0.03		
22	0.04	0.05	0.06	0.10	0.11	0.10	0.12	0.08	0.09	0.08	0.06	0.04		
23	0.04	0.04	0.07	0.07	0.10	0.10	0.11	0.10	0.06	0.07	0.05	0.04		
24	0.05	0.05	0.08	0.07	0.10	0.09	0.12	0.08	0.06	0.06	0.04	0.02		
25	0.06	-0.12	0.08	0.08	0.10	0.10	0.11	0.09	0.07	0.10	0.03	0.04		
26	0.06	-0.02	0.08	0.09	0.10	0.10	0.10	0.09	0.07	0.08	0.03	0.06		
27	0.05	0.04	0.09	0.09	0.10	0.11	0.12	0.08	0.08	0.06	0.06	0.03		
28	0.04	0.04	0.11	0.10	0.11	0.12	0.05	0.09	0.08	0.05	0.07	0.03		
29	0.05		0.09	0.10	0.13	0.13	0.10	0.10	0.08	0.07	0.05	0.03		
30	0.05		0.09	0.09	0.13	0.12	0.10	0.10	0.08	0.05	0.04	0.03		
31	0.06		0.08		0.11		0.09	0.09		0.06		0.03		

(Daily Kc values)		Sheet Q: Page 2 of 2			2003	CROP ET						
Citrus-young												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.425	0.409	0.393	0.376	0.360	0.342	0.342	0.342	0.342	0.362	0.388	0.413
2	0.425	0.408	0.393	0.376	0.359	0.342	0.342	0.342	0.342	0.363	0.389	0.414
3	0.424	0.407	0.392	0.375	0.359	0.342	0.342	0.342	0.342	0.364	0.390	0.415
4	0.424	0.407	0.392	0.375	0.358	0.342	0.342	0.342	0.342	0.365	0.391	0.416
5	0.423	0.406	0.391	0.374	0.358	0.342	0.342	0.342	0.342	0.366	0.392	0.417
6	0.423	0.406	0.391	0.374	0.357	0.342	0.342	0.342	0.342	0.366	0.392	0.418
7	0.422	0.405	0.390	0.373	0.357	0.342	0.342	0.342	0.342	0.367	0.393	0.418
8	0.422	0.405	0.389	0.373	0.356	0.342	0.342	0.342	0.343	0.368	0.394	0.419
9	0.421	0.404	0.389	0.372	0.356	0.342	0.342	0.342	0.344	0.369	0.395	0.420
10	0.421	0.404	0.388	0.371	0.355	0.342	0.342	0.342	0.345	0.370	0.396	0.421
11	0.420	0.403	0.388	0.371	0.355	0.342	0.342	0.342	0.345	0.371	0.397	0.422
12	0.419	0.403	0.387	0.370	0.354	0.342	0.342	0.342	0.346	0.371	0.397	0.423
13	0.419	0.402	0.387	0.370	0.353	0.342	0.342	0.342	0.347	0.372	0.398	0.423
14	0.418	0.401	0.386	0.369	0.353	0.342	0.342	0.342	0.348	0.373	0.399	0.424
15	0.418	0.401	0.386	0.369	0.352	0.342	0.342	0.342	0.349	0.374	0.400	0.425
16	0.417	0.400	0.385	0.368	0.352	0.342	0.342	0.342	0.350	0.375	0.401	0.426
17	0.417	0.400	0.385	0.368	0.351	0.342	0.342	0.342	0.350	0.376	0.402	0.427
18	0.416	0.399	0.384	0.367	0.351	0.342	0.342	0.342	0.351	0.376	0.402	0.428
19	0.416	0.399	0.383	0.367	0.350	0.342	0.342	0.342	0.352	0.377	0.403	0.429
20	0.415	0.398	0.383	0.366	0.350	0.342	0.342	0.342	0.353	0.378	0.404	0.429
21	0.415	0.398	0.382	0.365	0.349	0.342	0.342	0.342	0.354	0.379	0.405	0.430
22	0.414	0.397	0.382	0.365	0.349	0.342	0.342	0.342	0.355	0.380	0.406	0.431
23	0.413	0.397	0.381	0.364	0.348	0.342	0.342	0.342	0.355	0.381	0.407	0.432
24	0.413	0.396	0.381	0.364	0.347	0.342	0.342	0.342	0.356	0.381	0.408	0.433
25	0.412	0.395	0.380	0.363	0.347	0.342	0.342	0.342	0.357	0.382	0.408	0.434
26	0.412	0.395	0.380	0.363	0.346	0.342	0.342	0.342	0.358	0.383	0.409	0.434
27	0.411	0.394	0.379	0.362	0.346	0.342	0.342	0.342	0.359	0.384	0.410	0.435
28	0.411	0.394	0.379	0.362	0.345	0.342	0.342	0.342	0.360	0.385	0.411	0.436
29	0.410		0.378	0.361	0.345	0.342	0.342	0.342	0.360	0.386	0.412	0.437
30	0.410		0.377	0.361	0.344	0.342	0.342	0.342	0.361	0.387	0.413	0.438
31	0.409		0.377		0.342		0.342	0.342		0.387		0.439

Yuma Area ET-Rate Table			Sheet R: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Citrus-9b mature, 3+ meter size)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92		44.53
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.07	0.09	0.07	0.14	0.14	0.16	0.21	0.16	0.16	0.12	0.08	0.06		
2	0.10	0.11	0.10	0.16	0.14	0.18	0.20	0.16	0.14	0.13	0.08	0.06		
3	0.09	0.10	0.05	0.14	0.16	0.20	0.21	0.18	0.18	0.13	0.10	0.07		
4	0.09	0.06	0.07	0.13	0.16	0.19	0.20	0.17	0.18	0.10	0.06	0.07		
5	0.09	0.09	0.08	0.14	0.14	0.19	0.22	0.18	0.15	0.10	0.05	0.07		
6	0.12	0.07	0.08	0.10	0.15	0.19	0.21	0.13	0.17	0.10	0.07	0.06		
7	0.11	0.10	0.09	0.14	0.17	0.19	0.21	0.19	0.17	0.11	0.05	0.04		
8	0.05	0.07	0.08	0.17	0.17	0.23	0.19	0.20	0.17	0.12	0.07	0.08		
9	0.04	0.07	0.10	0.15	0.15	0.23	0.18	0.18	0.15	0.14	0.07	0.06		
10	0.04	0.07	0.11	0.14	0.13	0.18	0.22	0.17	0.13	0.12	0.05	0.05		
11	0.06	0.09	0.10	0.13	0.14	0.18	0.22	0.18	0.14	0.10	0.03	0.06		
12	0.06	-0.05	0.10	0.13	0.14	0.17	0.18	0.18	0.14	0.10	-0.09	0.04		
13	0.07	-0.14	0.10	0.14	0.13	0.17	0.18	0.18	0.14	0.11	0.05	0.04		
14	0.07	0.05	0.12	0.14	0.13	0.17	0.19	0.13	0.15	0.10	0.05	0.05		
15	0.08	0.05	0.05	0.14	0.15	0.20	0.19	0.13	0.16	0.11	0.05	0.07		
16	0.10	0.07	0.08	0.12	0.15	0.19	0.22	0.13	0.14	0.10	0.06	0.10		
17	0.10	0.07	0.11	0.14	0.17	0.17	0.21	0.15	0.16	0.11	0.05	0.09		
18	0.08	0.08	0.13	0.14	0.19	0.22	0.18	0.22	0.14	0.13	0.07	0.08		
19	0.06	0.08	0.14	0.13	0.16	0.22	0.17	0.18	0.14	0.12	0.08	0.06		
20	0.06	0.11	0.11	0.13	0.16	0.17	0.18	0.10	0.13	0.11	0.06	0.05		
21	0.05	0.11	0.14	0.15	0.17	0.19	0.18	0.14	0.14	0.12	0.06	0.06		
22	0.06	0.09	0.10	0.16	0.19	0.17	0.21	0.13	0.15	0.13	0.11	0.07		
23	0.07	0.07	0.11	0.12	0.17	0.17	0.18	0.16	0.11	0.11	0.09	0.07		
24	0.09	0.09	0.13	0.12	0.17	0.15	0.21	0.13	0.10	0.10	0.06	0.04		
25	0.10	-0.10	0.13	0.14	0.17	0.16	0.18	0.14	0.11	0.17	0.05	0.07		
26	0.10	0.00	0.13	0.15	0.16	0.16	0.17	0.15	0.12	0.14	0.05	0.10		
27	0.08	0.06	0.16	0.16	0.16	0.18	0.20	0.13	0.14	0.10	0.10	0.06		
28	0.07	0.07	0.18	0.17	0.18	0.20	0.09	0.14	0.13	0.09	0.11	0.06		
29	0.08		0.15	0.17	0.21	0.21	0.17	0.17	0.13	0.11	0.08	0.05		
30	0.09		0.14	0.15	0.21	0.21	0.16	0.16	0.13	0.08	0.06	0.04		
31	0.10		0.13		0.18		0.15	0.15		0.10		0.05		

(Daily Kc values)		Sheet R: Page 2 of 2			2003	CROP ET						
Citrus-mature												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.709	0.681	0.655	0.627	0.600	0.570	0.570	0.570	0.570	0.604	0.647	0.689
2	0.708	0.680	0.655	0.626	0.599	0.570	0.570	0.570	0.570	0.605	0.648	0.690
3	0.707	0.679	0.654	0.625	0.598	0.570	0.570	0.570	0.570	0.606	0.650	0.692
4	0.706	0.678	0.653	0.625	0.597	0.570	0.570	0.570	0.570	0.608	0.651	0.693
5	0.705	0.677	0.652	0.624	0.596	0.570	0.570	0.570	0.570	0.609	0.653	0.695
6	0.705	0.676	0.651	0.623	0.595	0.570	0.570	0.570	0.570	0.611	0.654	0.696
7	0.704	0.675	0.650	0.622	0.595	0.570	0.570	0.570	0.570	0.612	0.655	0.697
8	0.703	0.675	0.649	0.621	0.594	0.570	0.570	0.570	0.571	0.613	0.657	0.699
9	0.702	0.674	0.648	0.620	0.593	0.570	0.570	0.570	0.573	0.615	0.658	0.700
10	0.701	0.673	0.647	0.619	0.592	0.570	0.570	0.570	0.574	0.616	0.660	0.702
11	0.700	0.672	0.646	0.618	0.591	0.570	0.570	0.570	0.576	0.618	0.661	0.703
12	0.699	0.671	0.645	0.617	0.590	0.570	0.570	0.570	0.577	0.619	0.662	0.704
13	0.698	0.670	0.645	0.616	0.589	0.570	0.570	0.570	0.578	0.620	0.664	0.706
14	0.697	0.669	0.644	0.615	0.588	0.570	0.570	0.570	0.580	0.622	0.665	0.707
15	0.696	0.668	0.643	0.615	0.587	0.570	0.570	0.570	0.581	0.623	0.667	0.709
16	0.695	0.667	0.642	0.614	0.586	0.570	0.570	0.570	0.583	0.625	0.668	0.710
17	0.695	0.666	0.641	0.613	0.585	0.570	0.570	0.570	0.584	0.626	0.669	0.711
18	0.694	0.665	0.640	0.612	0.585	0.570	0.570	0.570	0.585	0.627	0.671	0.713
19	0.693	0.665	0.639	0.611	0.584	0.570	0.570	0.570	0.587	0.629	0.672	0.714
20	0.692	0.664	0.638	0.610	0.583	0.570	0.570	0.570	0.588	0.630	0.674	0.716
21	0.691	0.663	0.637	0.609	0.582	0.570	0.570	0.570	0.590	0.632	0.675	0.717
22	0.690	0.662	0.636	0.608	0.581	0.570	0.570	0.570	0.591	0.633	0.676	0.718
23	0.689	0.661	0.635	0.607	0.580	0.570	0.570	0.570	0.592	0.634	0.678	0.720
24	0.688	0.660	0.635	0.606	0.579	0.570	0.570	0.570	0.594	0.636	0.679	0.721
25	0.687	0.659	0.634	0.605	0.578	0.570	0.570	0.570	0.595	0.637	0.681	0.723
26	0.686	0.658	0.633	0.605	0.577	0.570	0.570	0.570	0.597	0.639	0.682	0.724
27	0.685	0.657	0.632	0.604	0.576	0.570	0.570	0.570	0.598	0.640	0.683	0.725
28	0.685	0.656	0.631	0.603	0.575	0.570	0.570	0.570	0.599	0.641	0.685	0.727
29	0.684		0.630	0.602	0.575	0.570	0.570	0.570	0.601	0.643	0.686	0.728
30	0.683		0.629	0.601	0.574	0.570	0.570	0.570	0.602	0.644	0.688	0.730
31	0.682		0.628		0.570		0.570	0.570		0.646		0.731

Yuma Area ET-Rate Table			Sheet S: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Citrus-9c declining)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34		30.98
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.05	0.06	0.05	0.10	0.10	0.11	0.14	0.11	0.11	0.08	0.06	0.04		
2	0.07	0.08	0.07	0.11	0.10	0.13	0.14	0.11	0.10	0.09	0.05	0.04		
3	0.06	0.07	0.04	0.10	0.11	0.14	0.14	0.12	0.12	0.09	0.07	0.05		
4	0.06	0.04	0.05	0.09	0.11	0.13	0.14	0.12	0.12	0.07	0.04	0.05		
5	0.06	0.07	0.06	0.10	0.10	0.14	0.15	0.12	0.11	0.07	0.04	0.05		
6	0.08	0.05	0.05	0.07	0.10	0.13	0.15	0.09	0.12	0.07	0.05	0.04		
7	0.08	0.07	0.06	0.10	0.12	0.14	0.15	0.14	0.12	0.08	0.03	0.03		
8	0.03	0.05	0.06	0.12	0.12	0.16	0.14	0.14	0.12	0.08	0.05	0.05		
9	0.03	0.05	0.07	0.10	0.11	0.16	0.13	0.13	0.11	0.10	0.05	0.04		
10	0.03	0.05	0.08	0.10	0.09	0.13	0.15	0.12	0.09	0.09	0.04	0.03		
11	0.04	0.06	0.07	0.09	0.10	0.13	0.15	0.12	0.10	0.07	0.01	0.04		
12	0.04	-0.06	0.07	0.09	0.10	0.12	0.13	0.13	0.10	0.07	-0.10	0.03		
13	0.05	-0.15	0.07	0.09	0.09	0.12	0.13	0.12	0.10	0.07	0.03	0.03		
14	0.05	0.03	0.08	0.10	0.09	0.12	0.14	0.09	0.10	0.07	0.04	0.03		
15	0.06	0.04	0.03	0.10	0.10	0.14	0.14	0.09	0.11	0.07	0.03	0.05		
16	0.07	0.05	0.05	0.09	0.10	0.13	0.16	0.09	0.10	0.07	0.04	0.07		
17	0.07	0.05	0.08	0.10	0.12	0.12	0.14	0.11	0.11	0.07	0.03	0.06		
18	0.06	0.06	0.09	0.10	0.13	0.15	0.12	0.16	0.10	0.09	0.05	0.05		
19	0.04	0.06	0.10	0.09	0.11	0.15	0.12	0.12	0.10	0.08	0.06	0.05		
20	0.04	0.07	0.08	0.09	0.11	0.12	0.12	0.07	0.09	0.08	0.04	0.04		
21	0.03	0.08	0.10	0.10	0.12	0.13	0.12	0.10	0.09	0.08	0.04	0.04		
22	0.04	0.06	0.07	0.12	0.13	0.12	0.14	0.09	0.10	0.09	0.08	0.05		
23	0.05	0.05	0.08	0.08	0.12	0.12	0.12	0.11	0.07	0.08	0.06	0.05		
24	0.06	0.06	0.09	0.08	0.12	0.11	0.14	0.09	0.07	0.07	0.04	0.03		
25	0.07	-0.11	0.09	0.10	0.12	0.11	0.13	0.10	0.08	0.12	0.04	0.05		
26	0.07	-0.02	0.09	0.11	0.11	0.11	0.12	0.11	0.08	0.10	0.04	0.07		
27	0.06	0.04	0.11	0.11	0.11	0.13	0.14	0.09	0.10	0.07	0.07	0.04		
28	0.05	0.05	0.13	0.12	0.13	0.14	0.06	0.10	0.09	0.06	0.08	0.04		
29	0.05		0.11	0.12	0.15	0.15	0.12	0.12	0.09	0.08	0.05	0.04		
30	0.06		0.10	0.11	0.15	0.14	0.11	0.11	0.09	0.06	0.04	0.03		
31	0.07		0.09		0.12		0.11	0.10		0.07		0.04		

(Daily Kc values)		Sheet S: Page 2 of 2			2003	CROP ET						
Citrus-declining												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.496	0.477	0.459	0.439	0.420	0.399	0.399	0.399	0.399	0.423	0.453	0.482
2	0.496	0.476	0.458	0.438	0.419	0.399	0.399	0.399	0.399	0.424	0.454	0.483
3	0.495	0.475	0.458	0.438	0.419	0.399	0.399	0.399	0.399	0.424	0.455	0.484
4	0.494	0.475	0.457	0.437	0.418	0.399	0.399	0.399	0.399	0.425	0.456	0.485
5	0.494	0.474	0.456	0.437	0.417	0.399	0.399	0.399	0.399	0.426	0.457	0.486
6	0.493	0.473	0.456	0.436	0.417	0.399	0.399	0.399	0.399	0.427	0.458	0.487
7	0.493	0.473	0.455	0.435	0.416	0.399	0.399	0.399	0.399	0.428	0.459	0.488
8	0.492	0.472	0.454	0.435	0.416	0.399	0.399	0.399	0.400	0.429	0.460	0.489
9	0.491	0.472	0.454	0.434	0.415	0.399	0.399	0.399	0.401	0.430	0.461	0.490
10	0.491	0.471	0.453	0.433	0.414	0.399	0.399	0.399	0.402	0.431	0.462	0.491
11	0.490	0.470	0.452	0.433	0.414	0.399	0.399	0.399	0.403	0.432	0.463	0.492
12	0.489	0.470	0.452	0.432	0.413	0.399	0.399	0.399	0.404	0.433	0.464	0.493
13	0.489	0.469	0.451	0.431	0.412	0.399	0.399	0.399	0.405	0.434	0.465	0.494
14	0.488	0.468	0.451	0.431	0.412	0.399	0.399	0.399	0.406	0.435	0.466	0.495
15	0.487	0.468	0.450	0.430	0.411	0.399	0.399	0.399	0.407	0.436	0.467	0.496
16	0.487	0.467	0.449	0.430	0.410	0.399	0.399	0.399	0.408	0.437	0.468	0.497
17	0.486	0.466	0.449	0.429	0.410	0.399	0.399	0.399	0.409	0.438	0.469	0.498
18	0.486	0.466	0.448	0.428	0.409	0.399	0.399	0.399	0.410	0.439	0.470	0.499
19	0.485	0.465	0.447	0.428	0.409	0.399	0.399	0.399	0.411	0.440	0.471	0.500
20	0.484	0.465	0.447	0.427	0.408	0.399	0.399	0.399	0.412	0.441	0.472	0.501
21	0.484	0.464	0.446	0.426	0.407	0.399	0.399	0.399	0.413	0.442	0.473	0.502
22	0.483	0.463	0.445	0.426	0.407	0.399	0.399	0.399	0.414	0.443	0.473	0.503
23	0.482	0.463	0.445	0.425	0.406	0.399	0.399	0.399	0.415	0.444	0.474	0.504
24	0.482	0.462	0.444	0.424	0.405	0.399	0.399	0.399	0.416	0.445	0.475	0.505
25	0.481	0.461	0.444	0.424	0.405	0.399	0.399	0.399	0.417	0.446	0.476	0.506
26	0.480	0.461	0.443	0.423	0.404	0.399	0.399	0.399	0.418	0.447	0.477	0.507
27	0.480	0.460	0.442	0.423	0.403	0.399	0.399	0.399	0.419	0.448	0.478	0.508
28	0.479	0.459	0.442	0.422	0.403	0.399	0.399	0.399	0.420	0.449	0.479	0.509
29	0.479		0.441	0.421	0.402	0.399	0.399	0.399	0.421	0.450	0.480	0.510
30	0.478		0.440	0.421	0.402	0.399	0.399	0.399	0.422	0.451	0.481	0.511
31	0.477		0.440		0.399		0.399	0.399		0.452		0.512

Yuma Area ET-Rate Table			Sheet T: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Tomatoes)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00		27.83
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.08	0.07	0.25	0.27	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
2	0.00	0.10	0.09	0.28	0.28	0.30	0.00	0.00	0.00	0.00	0.00	0.00		
3	0.00	0.09	0.05	0.25	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.06	0.07	0.23	0.31	0.30	0.00	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.09	0.09	0.26	0.27	0.30	0.00	0.00	0.00	0.00	0.00	0.00		
6	0.00	0.06	0.08	0.19	0.29	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.09	0.10	0.26	0.33	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
8	0.00	0.07	0.09	0.33	0.33	0.34	0.00	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.06	0.12	0.28	0.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.07	0.13	0.27	0.26	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
11	0.00	0.08	0.12	0.25	0.28	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
12	0.00	-0.05	0.12	0.25	0.28	0.23	0.00	0.00	0.00	0.00	0.00	0.00		
13	0.00	-0.14	0.12	0.26	0.26	0.22	0.00	0.00	0.00	0.00	0.00	0.00		
14	0.00	0.04	0.15	0.27	0.26	0.22	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.05	0.07	0.27	0.29	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.06	0.11	0.24	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
17	0.00	0.06	0.15	0.27	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.07	0.17	0.27	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.07	0.20	0.25	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.10	0.16	0.25	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.10	0.20	0.28	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.08	0.15	0.32	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.07	0.17	0.22	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.08	0.20	0.24	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	-0.10	0.20	0.27	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
26	0.00	0.00	0.20	0.29	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
27	0.00	0.06	0.25	0.31	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.07	0.30	0.33	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.25	0.34	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.25	0.29	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.22		0.30		0.00	0.00		0.00		0.00		

(Daily Kc values)		Sheet T: Page 2 of 2			2003	CROP ET						
Tomatoes												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.617	0.617	1.098	1.178	0.942	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.617	0.617	1.114	1.178	0.927	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.617	0.633	1.130	1.178	0.912	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.617	0.649	1.146	1.178	0.898	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.617	0.665	1.162	1.178	0.883	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.617	0.681	1.178	1.178	0.868	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.617	0.697	1.178	1.178	0.854	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.617	0.713	1.178	1.178	0.839	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.617	0.729	1.178	1.178	0.824	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.617	0.745	1.178	1.178	0.809	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.617	0.761	1.178	1.178	0.795	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.617	0.777	1.178	1.178	0.780	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.617	0.793	1.178	1.178	0.765	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.617	0.809	1.178	1.178	0.750	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.617	0.825	1.178	1.178	0.736	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.617	0.841	1.178	1.178	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.617	0.857	1.178	1.163	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.617	0.873	1.178	1.148	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.617	0.889	1.178	1.133	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.617	0.905	1.178	1.119	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.617	0.921	1.178	1.104	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.617	0.938	1.178	1.089	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.617	0.954	1.178	1.075	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.617	0.970	1.178	1.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.617	0.986	1.178	1.045	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.617	1.002	1.178	1.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.617	1.018	1.178	1.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.617	1.034	1.178	1.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000		1.050	1.178	0.986	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000		1.066	1.178	0.971	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000		1.082		0.957		0.000	0.000		0.000		0.000

Yuma Area ET-Rate Table			Sheet U: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Sudan Grass)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00		43.42
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.00	0.09	0.15	0.32	0.41	0.32	0.00	0.00	0.00	0.00		
2	0.00	0.00	0.00	0.09	0.16	0.36	0.40	0.32	0.00	0.00	0.00	0.00		
3	0.00	0.00	0.00	0.08	0.19	0.40	0.41	0.35	0.00	0.00	0.00	0.00		
4	0.00	0.00	0.00	0.07	0.19	0.37	0.40	0.33	0.00	0.00	0.00	0.00		
5	0.00	0.00	0.00	0.08	0.17	0.38	0.43	0.35	0.00	0.00	0.00	0.00		
6	0.00	0.00	0.00	0.06	0.19	0.37	0.42	0.26	0.00	0.00	0.00	0.00		
7	0.00	0.00	0.00	0.08	0.22	0.38	0.42	0.38	0.00	0.00	0.00	0.00		
8	0.00	0.00	0.00	0.10	0.23	0.45	0.38	0.39	0.00	0.00	0.00	0.00		
9	0.00	0.00	0.00	0.09	0.22	0.45	0.36	0.36	0.00	0.00	0.00	0.00		
10	0.00	0.00	0.00	0.09	0.19	0.36	0.43	0.33	0.00	0.00	0.00	0.00		
11	0.00	0.00	0.00	0.08	0.22	0.36	0.43	0.34	0.00	0.00	0.00	0.00		
12	0.00	0.00	0.00	0.08	0.22	0.34	0.36	0.35	0.00	0.00	0.00	0.00		
13	0.00	0.00	0.00	0.08	0.21	0.33	0.36	0.34	0.00	0.00	0.00	0.00		
14	0.00	0.00	0.00	0.09	0.22	0.33	0.38	0.25	0.00	0.00	0.00	0.00		
15	0.00	0.00	0.00	0.09	0.25	0.40	0.38	0.24	0.00	0.00	0.00	0.00		
16	0.00	0.00	0.00	0.07	0.26	0.37	0.44	0.25	0.00	0.00	0.00	0.00		
17	0.00	0.00	0.00	0.09	0.31	0.33	0.41	0.29	0.00	0.00	0.00	0.00		
18	0.00	0.00	0.00	0.09	0.35	0.43	0.35	0.42	0.00	0.00	0.00	0.00		
19	0.00	0.00	0.00	0.08	0.31	0.43	0.34	0.34	0.00	0.00	0.00	0.00		
20	0.00	0.00	0.00	0.08	0.32	0.33	0.35	0.18	0.00	0.00	0.00	0.00		
21	0.00	0.00	0.00	0.10	0.33	0.37	0.35	0.27	0.00	0.00	0.00	0.00		
22	0.00	0.00	0.00	0.11	0.36	0.33	0.41	0.24	0.00	0.00	0.00	0.00		
23	0.00	0.00	0.00	0.09	0.33	0.34	0.35	0.30	0.00	0.00	0.00	0.00		
24	0.00	0.00	0.00	0.09	0.34	0.31	0.41	0.23	0.00	0.00	0.00	0.00		
25	0.00	0.00	0.00	0.11	0.34	0.32	0.36	0.27	0.00	0.00	0.00	0.00		
26	0.00	0.00	0.00	0.13	0.32	0.32	0.33	0.29	0.00	0.00	0.00	0.00		
27	0.00	0.00	0.00	0.14	0.32	0.36	0.40	0.24	0.00	0.00	0.00	0.00		
28	0.00	0.00	0.00	0.16	0.36	0.40	0.18	0.26	0.00	0.00	0.00	0.00		
29	0.00		0.00	0.17	0.42	0.42	0.34	0.30	0.00	0.00	0.00	0.00		
30	0.00		0.00	0.16	0.42	0.41	0.32	0.29	0.00	0.00	0.00	0.00		
31	0.00		0.00		0.35		0.31	0.27		0.00		0.00		

(Daily Kc values)		Sheet U: Page 2 of 2			2003	CROP ET								
Sudan														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.000	0.000	0.000	0.372	0.650	1.131	1.131	1.131	0.000	0.000	0.000	0.000		
2	0.000	0.000	0.000	0.372	0.676	1.131	1.131	1.131	0.000	0.000	0.000	0.000		
3	0.000	0.000	0.000	0.372	0.701	1.131	1.131	1.131	0.000	0.000	0.000	0.000		
4	0.000	0.000	0.000	0.372	0.726	1.131	1.131	1.131	0.000	0.000	0.000	0.000		
5	0.000	0.000	0.000	0.372	0.752	1.131	1.131	1.131	0.000	0.000	0.000	0.000		
6	0.000	0.000	0.000	0.372	0.777	1.131	1.131	1.131	0.000	0.000	0.000	0.000		
7	0.000	0.000	0.000	0.372	0.802	1.131	1.131	1.127	0.000	0.000	0.000	0.000		
8	0.000	0.000	0.000	0.372	0.827	1.131	1.131	1.123	0.000	0.000	0.000	0.000		
9	0.000	0.000	0.000	0.372	0.853	1.131	1.131	1.120	0.000	0.000	0.000	0.000		
10	0.000	0.000	0.000	0.372	0.878	1.131	1.131	1.116	0.000	0.000	0.000	0.000		
11	0.000	0.000	0.000	0.372	0.903	1.131	1.131	1.112	0.000	0.000	0.000	0.000		
12	0.000	0.000	0.000	0.372	0.929	1.131	1.131	1.109	0.000	0.000	0.000	0.000		
13	0.000	0.000	0.000	0.372	0.954	1.131	1.131	1.105	0.000	0.000	0.000	0.000		
14	0.000	0.000	0.000	0.372	0.979	1.131	1.131	1.101	0.000	0.000	0.000	0.000		
15	0.000	0.000	0.000	0.372	1.004	1.131	1.131	1.097	0.000	0.000	0.000	0.000		
16	0.000	0.000	0.000	0.372	1.030	1.131	1.131	1.094	0.000	0.000	0.000	0.000		
17	0.000	0.000	0.000	0.372	1.055	1.131	1.131	1.090	0.000	0.000	0.000	0.000		
18	0.000	0.000	0.000	0.372	1.080	1.131	1.131	1.086	0.000	0.000	0.000	0.000		
19	0.000	0.000	0.000	0.372	1.106	1.131	1.131	1.083	0.000	0.000	0.000	0.000		
20	0.000	0.000	0.000	0.372	1.131	1.131	1.131	1.079	0.000	0.000	0.000	0.000		
21	0.000	0.000	0.000	0.398	1.131	1.131	1.131	1.075	0.000	0.000	0.000	0.000		
22	0.000	0.000	0.000	0.423	1.131	1.131	1.131	1.071	0.000	0.000	0.000	0.000		
23	0.000	0.000	0.000	0.448	1.131	1.131	1.131	1.068	0.000	0.000	0.000	0.000		
24	0.000	0.000	0.000	0.473	1.131	1.131	1.131	1.064	0.000	0.000	0.000	0.000		
25	0.000	0.000	0.000	0.499	1.131	1.131	1.131	1.060	0.000	0.000	0.000	0.000		
26	0.000	0.000	0.000	0.524	1.131	1.131	1.131	1.057	0.000	0.000	0.000	0.000		
27	0.000	0.000	0.000	0.549	1.131	1.131	1.131	1.053	0.000	0.000	0.000	0.000		
28	0.000	0.000	0.000	0.575	1.131	1.131	1.131	1.049	0.000	0.000	0.000	0.000		
29	0.000		0.000	0.600	1.131	1.131	1.131	1.045	0.000	0.000	0.000	0.000		
30	0.000		0.000	0.625	1.131	1.131	1.131	1.042	0.000	0.000	0.000	0.000		
31	0.000		0.000		1.131		1.131	1.038		0.000		0.000		

Yuma Area ET-Rate Table			Sheet V: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Legume & Solanum Vegetables [green beans, dry beans, garbonzo beans, peas, peanuts, fresh peppers, & potatoes])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67		14.16
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.11	0.14	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07		
2	0.15	0.17	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.08		
3	0.14	0.15	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.09		
4	0.14	0.09	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.09		
5	0.14	0.15	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.09		
6	0.19	0.11	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.07		
7	0.17	0.16	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05		
8	0.07	0.12	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.10		
9	0.06	0.11	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.07		
10	0.06	0.12	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.07		
11	0.08	0.14	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.08		
12	0.08	-0.03	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.06		
13	0.11	-0.12	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.06		
14	0.11	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.07		
15	0.13	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.04	0.10		
16	0.15	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.06	0.14		
17	0.15	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.04	0.13		
18	0.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.12		
19	0.09	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.08	0.09		
20	0.09	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.07		
21	0.07	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.06	0.08		
22	0.09	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.11	0.11		
23	0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.11		
24	0.14	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.07	0.06		
25	0.15	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.06	0.09		
26	0.16	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.06	0.15		
27	0.13	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.12	0.08		
28	0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.13	0.08		
29	0.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.07		
30	0.14		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.06		
31	0.15		0.00		0.00		0.00	0.00		0.08		0.07		

(Daily Kc values)*		Sheet V: Page 2 of 2			2003	CROP ET						
Legume/Solanum Veg												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	1.050	1.050	0.992	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.826
2	1.050	1.050	0.987	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.839
3	1.050	1.050	0.983	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.852
4	1.050	1.050	0.978	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.865
5	1.050	1.050	0.974	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.879
6	1.050	1.050	0.969	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.892
7	1.050	1.050	0.965	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.905
8	1.050	1.050	0.960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.918
9	1.050	1.050	0.956	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.535	0.931
10	1.050	1.050	0.951	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.548	0.945
11	1.050	1.050	0.947	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.561	0.958
12	1.050	1.050	0.942	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.575	0.971
13	1.050	1.050	0.938	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.588	0.984
14	1.050	1.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.601	0.997
15	1.050	1.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.614	1.011
16	1.050	1.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.628	1.024
17	1.050	1.046	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.641	1.037
18	1.050	1.041	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.654	1.050
19	1.050	1.037	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.667	1.050
20	1.050	1.032	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.680	1.050
21	1.050	1.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.694	1.050
22	1.050	1.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.707	1.050
23	1.050	1.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.720	1.050
24	1.050	1.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.733	1.050
25	1.050	1.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.746	1.050
26	1.050	1.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.760	1.050
27	1.050	1.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.773	1.050
28	1.050	0.996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.786	1.050
29	1.050		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.799	1.050
30	1.050		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.812	1.050
31	1.050		0.000		0.000		0.000	0.000		0.522		1.050

* - Kc values are for Legume Vegetables. Solanum crops (fresh peppers & potatoes) were added to this group to minimize the total number of crop groups, and their total water usage/growing seasons are similar.

Yuma Area ET-Rate Table			Sheet W: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Crucifers [broccoli, cauliflower, cabbage, bok-choy, mustard, kale, & okra])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70		12.09
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.07	0.10	0.08		
2	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.09	0.09		
3	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.12	0.10		
4	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.06	0.07	0.10		
5	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.06	0.06	0.10		
6	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.06	0.08	0.08		
7	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.07	0.06	0.06		
8	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.08	0.09	0.11		
9	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.09	0.09	0.08		
10	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.07	0.07		
11	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.07	0.05	0.08		
12	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.07	-0.09	0.06		
13	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.06	0.06		
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.08	0.07	0.07		
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.08	0.07	0.10		
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.09	0.14		
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.09	0.07	0.13		
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.11	0.10	0.11		
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.11	0.12	0.09		
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.10	0.09	0.07		
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.11	0.09	0.08		
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.12	0.16	0.10		
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.11	0.13	0.10		
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.10	0.09	0.06		
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.17	0.08	0.09		
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.14	0.08	0.14		
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.11	0.15	0.08		
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.10	0.16	0.08		
29	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12	0.11	0.07		
30	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.09	0.09	0.06		
31	0.00		0.00		0.00		0.00	0.00		0.11		0.07		

(Daily Kc values)		Sheet W: Page 2 of 2			2003	CROP ET						
Crucifers												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.979	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.352	0.741	1.000
2	0.971	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.352	0.755	1.000
3	0.964	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.352	0.770	1.000
4	0.957	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.352	0.784	1.000
5	0.950	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.352	0.798	1.000
6	0.943	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.366	0.813	1.000
7	0.935	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.380	0.827	1.000
8	0.928	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.395	0.842	1.000
9	0.921	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.409	0.856	1.000
10	0.914	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.424	0.871	1.000
11	0.907	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.438	0.885	1.000
12	0.899	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.452	0.899	1.000
13	0.892	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.467	0.914	1.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.481	0.928	1.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.496	0.943	1.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.510	0.957	1.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.525	0.971	1.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.539	0.986	1.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.553	1.000	1.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.568	1.000	1.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.582	1.000	1.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.597	1.000	1.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.611	1.000	1.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.625	1.000	1.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.640	1.000	1.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.654	1.000	1.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.669	1.000	1.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.683	1.000	1.000
29	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.698	1.000	1.000
30	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.352	0.712	1.000	0.993
31	0.000		0.000		0.000		0.000	0.000		0.726		0.986

Yuma Area ET-Rate Table			Sheet X: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Dates)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56		70.90
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.08	0.11	0.10	0.23	0.23	0.27	0.35	0.27	0.27	0.19	0.12	0.08		
2	0.11	0.13	0.14	0.25	0.24	0.31	0.34	0.27	0.23	0.21	0.11	0.09		
3	0.11	0.11	0.07	0.22	0.27	0.34	0.35	0.30	0.30	0.20	0.15	0.09		
4	0.11	0.07	0.10	0.20	0.26	0.32	0.34	0.28	0.30	0.16	0.09	0.09		
5	0.11	0.12	0.12	0.22	0.23	0.33	0.37	0.30	0.26	0.16	0.08	0.09		
6	0.14	0.08	0.11	0.16	0.25	0.32	0.36	0.22	0.29	0.16	0.10	0.08		
7	0.13	0.12	0.13	0.22	0.28	0.33	0.36	0.33	0.28	0.17	0.07	0.06		
8	0.05	0.09	0.12	0.28	0.28	0.39	0.33	0.34	0.29	0.18	0.10	0.10		
9	0.05	0.08	0.15	0.24	0.26	0.39	0.31	0.31	0.26	0.22	0.10	0.08		
10	0.05	0.09	0.16	0.23	0.22	0.31	0.37	0.29	0.22	0.19	0.08	0.07		
11	0.07	0.11	0.15	0.21	0.24	0.31	0.37	0.30	0.23	0.15	0.05	0.08		
12	0.07	-0.04	0.14	0.21	0.24	0.29	0.31	0.31	0.23	0.15	-0.09	0.06		
13	0.08	-0.13	0.14	0.22	0.22	0.28	0.31	0.30	0.23	0.16	0.07	0.06		
14	0.08	0.06	0.17	0.23	0.22	0.28	0.33	0.22	0.24	0.15	0.08	0.07		
15	0.10	0.07	0.08	0.23	0.25	0.34	0.33	0.21	0.26	0.16	0.07	0.09		
16	0.11	0.09	0.13	0.20	0.25	0.32	0.38	0.22	0.23	0.15	0.09	0.13		
17	0.11	0.09	0.17	0.23	0.28	0.28	0.35	0.26	0.26	0.16	0.07	0.12		
18	0.10	0.10	0.19	0.23	0.31	0.37	0.30	0.38	0.23	0.20	0.10	0.10		
19	0.07	0.11	0.21	0.21	0.27	0.37	0.29	0.30	0.23	0.18	0.11	0.09		
20	0.07	0.14	0.18	0.21	0.27	0.28	0.30	0.16	0.21	0.17	0.09	0.07		
21	0.06	0.15	0.22	0.24	0.28	0.32	0.30	0.24	0.22	0.18	0.09	0.08		
22	0.07	0.12	0.16	0.27	0.31	0.28	0.35	0.21	0.24	0.19	0.15	0.09		
23	0.08	0.10	0.18	0.19	0.28	0.29	0.30	0.27	0.17	0.17	0.12	0.09		
24	0.11	0.12	0.21	0.20	0.29	0.26	0.35	0.21	0.16	0.15	0.09	0.05		
25	0.11	-0.08	0.20	0.23	0.29	0.27	0.31	0.24	0.18	0.25	0.08	0.09		
26	0.12	0.03	0.20	0.25	0.27	0.27	0.28	0.26	0.19	0.21	0.08	0.13		
27	0.10	0.08	0.25	0.26	0.27	0.31	0.34	0.22	0.22	0.15	0.14	0.08		
28	0.08	0.10	0.29	0.28	0.31	0.34	0.16	0.24	0.20	0.13	0.15	0.08		
29	0.09		0.24	0.29	0.36	0.36	0.29	0.28	0.20	0.16	0.10	0.07		
30	0.11		0.23	0.25	0.36	0.35	0.27	0.27	0.21	0.12	0.09	0.06		
31	0.11		0.20		0.30		0.26	0.25		0.14		0.07		

(Daily Kc values)		Sheet X: Page 2 of 2			2003	CROP ET								
Dates														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.821	0.821	0.912	0.984	0.984	0.979	0.974	0.969	0.964	0.959	0.954	0.950		
2	0.821	0.821	0.915	0.984	0.984	0.979	0.974	0.969	0.964	0.959	0.954	0.949		
3	0.821	0.821	0.919	0.984	0.984	0.979	0.974	0.969	0.964	0.959	0.954	0.949		
4	0.821	0.821	0.922	0.984	0.984	0.979	0.974	0.969	0.964	0.959	0.954	0.949		
5	0.821	0.824	0.926	0.984	0.983	0.978	0.974	0.969	0.964	0.959	0.954	0.949		
6	0.821	0.828	0.930	0.984	0.983	0.978	0.973	0.968	0.963	0.959	0.954	0.949		
7	0.821	0.832	0.933	0.984	0.983	0.978	0.973	0.968	0.963	0.958	0.953	0.949		
8	0.821	0.835	0.937	0.984	0.983	0.978	0.973	0.968	0.963	0.958	0.953	0.948		
9	0.821	0.839	0.941	0.984	0.983	0.978	0.973	0.968	0.963	0.958	0.953	0.948		
10	0.821	0.843	0.944	0.984	0.983	0.978	0.973	0.968	0.963	0.958	0.953	0.948		
11	0.821	0.846	0.948	0.984	0.982	0.977	0.973	0.968	0.963	0.958	0.953	0.948		
12	0.821	0.850	0.952	0.984	0.982	0.977	0.972	0.967	0.962	0.958	0.953	0.948		
13	0.821	0.853	0.955	0.984	0.982	0.977	0.972	0.967	0.962	0.958	0.953	0.948		
14	0.821	0.857	0.959	0.984	0.982	0.977	0.972	0.967	0.962	0.957	0.952	0.948		
15	0.821	0.861	0.962	0.984	0.982	0.977	0.972	0.967	0.962	0.957	0.952	0.947		
16	0.821	0.864	0.966	0.984	0.982	0.977	0.972	0.967	0.962	0.957	0.952	0.947		
17	0.821	0.868	0.970	0.984	0.981	0.976	0.972	0.967	0.962	0.957	0.952	0.947		
18	0.821	0.872	0.973	0.984	0.981	0.976	0.971	0.967	0.962	0.957	0.952	0.947		
19	0.821	0.875	0.977	0.984	0.981	0.976	0.971	0.966	0.961	0.957	0.952	0.947		
20	0.821	0.879	0.981	0.984	0.981	0.976	0.971	0.966	0.961	0.956	0.951	0.947		
21	0.821	0.882	0.984	0.984	0.981	0.976	0.971	0.966	0.961	0.956	0.951	0.946		
22	0.821	0.886	0.984	0.984	0.981	0.976	0.971	0.966	0.961	0.956	0.951	0.946		
23	0.821	0.890	0.984	0.984	0.981	0.976	0.971	0.966	0.961	0.956	0.951	0.946		
24	0.821	0.893	0.984	0.984	0.980	0.975	0.971	0.966	0.961	0.956	0.951	0.946		
25	0.821	0.897	0.984	0.984	0.980	0.975	0.970	0.965	0.960	0.956	0.951	0.946		
26	0.821	0.901	0.984	0.984	0.980	0.975	0.970	0.965	0.960	0.955	0.950	0.946		
27	0.821	0.904	0.984	0.984	0.980	0.975	0.970	0.965	0.960	0.955	0.950	0.945		
28	0.821	0.908	0.984	0.984	0.980	0.975	0.970	0.965	0.960	0.955	0.950	0.945		
29	0.821		0.984	0.984	0.980	0.975	0.970	0.965	0.960	0.955	0.950	0.945		
30	0.821		0.984	0.984	0.979	0.974	0.970	0.965	0.960	0.955	0.950	0.945		
31	0.821		0.984		0.979		0.969	0.964		0.955		0.972		

Yuma Area ET-Rate Table			Sheet Y: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Safflower)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00		36.11
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.04	0.05	0.23	0.28	0.34	0.26	0.00	0.00	0.00	0.00	0.00		
2	0.00	0.05	0.08	0.25	0.29	0.39	0.24	0.00	0.00	0.00	0.00	0.00		
3	0.00	0.05	0.04	0.22	0.33	0.43	0.24	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.03	0.06	0.21	0.32	0.41	0.22	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.05	0.07	0.23	0.28	0.42	0.23	0.00	0.00	0.00	0.00	0.00		
6	0.00	0.03	0.07	0.17	0.31	0.41	0.21	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.05	0.08	0.24	0.34	0.42	0.20	0.00	0.00	0.00	0.00	0.00		
8	0.00	0.04	0.08	0.31	0.34	0.49	0.17	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.03	0.10	0.27	0.32	0.49	0.15	0.00	0.00	0.00	0.00	0.00		
10	0.00	0.04	0.11	0.26	0.27	0.39	0.17	0.00	0.00	0.00	0.00	0.00		
11	0.00	0.04	0.10	0.24	0.29	0.39	0.00	0.00	0.00	0.00	0.00	0.00		
12	0.00	-0.06	0.10	0.24	0.29	0.37	0.00	0.00	0.00	0.00	0.00	0.00		
13	0.00	-0.15	0.10	0.26	0.27	0.36	0.00	0.00	0.00	0.00	0.00	0.00		
14	0.00	0.02	0.13	0.28	0.27	0.36	0.00	0.00	0.00	0.00	0.00	0.00		
15	0.00	0.03	0.06	0.28	0.31	0.43	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.03	0.09	0.25	0.31	0.39	0.00	0.00	0.00	0.00	0.00	0.00		
17	0.00	0.03	0.13	0.28	0.36	0.34	0.00	0.00	0.00	0.00	0.00	0.00		
18	0.00	0.04	0.15	0.28	0.39	0.43	0.00	0.00	0.00	0.00	0.00	0.00		
19	0.00	0.04	0.17	0.26	0.34	0.42	0.00	0.00	0.00	0.00	0.00	0.00		
20	0.00	0.05	0.14	0.26	0.34	0.31	0.00	0.00	0.00	0.00	0.00	0.00		
21	0.00	0.06	0.18	0.29	0.36	0.34	0.00	0.00	0.00	0.00	0.00	0.00		
22	0.00	0.05	0.13	0.33	0.39	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
23	0.00	0.04	0.15	0.23	0.36	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.05	0.18	0.25	0.37	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	-0.11	0.17	0.28	0.37	0.26	0.00	0.00	0.00	0.00	0.00	0.00		
26	0.00	-0.02	0.18	0.31	0.34	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
27	0.00	0.04	0.23	0.32	0.34	0.27	0.00	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.05	0.27	0.34	0.39	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
29	0.00		0.23	0.36	0.45	0.29	0.00	0.00	0.00	0.00	0.00	0.00		
30	0.00		0.22	0.31	0.45	0.27	0.00	0.00	0.00	0.00	0.00	0.00		
31	0.00		0.19		0.38		0.00	0.00		0.00		0.00		

(Daily Kc values)		Sheet Y: Page 2 of 2			2003	CROP ET						
Safflower												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.342	0.487	0.986	1.228	1.228	0.726	0.000	0.000	0.000	0.000	0.000
2	0.000	0.342	0.503	1.002	1.228	1.228	0.694	0.000	0.000	0.000	0.000	0.000
3	0.000	0.342	0.519	1.018	1.228	1.228	0.663	0.000	0.000	0.000	0.000	0.000
4	0.000	0.342	0.535	1.035	1.228	1.228	0.632	0.000	0.000	0.000	0.000	0.000
5	0.000	0.342	0.551	1.051	1.228	1.228	0.600	0.000	0.000	0.000	0.000	0.000
6	0.000	0.342	0.567	1.067	1.228	1.228	0.569	0.000	0.000	0.000	0.000	0.000
7	0.000	0.342	0.584	1.083	1.228	1.228	0.538	0.000	0.000	0.000	0.000	0.000
8	0.000	0.342	0.600	1.099	1.228	1.228	0.506	0.000	0.000	0.000	0.000	0.000
9	0.000	0.342	0.616	1.115	1.228	1.228	0.475	0.000	0.000	0.000	0.000	0.000
10	0.000	0.342	0.632	1.131	1.228	1.228	0.443	0.000	0.000	0.000	0.000	0.000
11	0.000	0.342	0.648	1.147	1.228	1.228	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.342	0.664	1.163	1.228	1.228	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.342	0.680	1.179	1.228	1.228	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.342	0.696	1.196	1.228	1.228	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.342	0.712	1.212	1.228	1.228	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.342	0.729	1.228	1.228	1.196	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.342	0.745	1.228	1.228	1.165	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.342	0.761	1.228	1.228	1.134	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.342	0.777	1.228	1.228	1.102	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.342	0.793	1.228	1.228	1.071	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.358	0.809	1.228	1.228	1.040	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.374	0.825	1.228	1.228	1.008	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.390	0.841	1.228	1.228	0.977	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.406	0.857	1.228	1.228	0.945	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.423	0.873	1.228	1.228	0.914	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.439	0.890	1.228	1.228	0.883	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.455	0.906	1.228	1.228	0.851	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.471	0.922	1.228	1.228	0.820	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000		0.938	1.228	1.228	0.789	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000		0.954	1.228	1.228	0.757	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000		0.970		1.228		0.000	0.000		0.000		0.000

Yuma Area ET-Rate Table			Sheet Z: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Deciduous Orchards [pecans & peaches])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67		56.16
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.04	0.05	0.05	0.14	0.18	0.24	0.31	0.24	0.24	0.17	0.11	0.06		
2	0.05	0.06	0.06	0.15	0.19	0.27	0.30	0.24	0.20	0.19	0.10	0.07		
3	0.05	0.05	0.03	0.14	0.22	0.30	0.31	0.26	0.26	0.18	0.14	0.07		
4	0.05	0.03	0.05	0.13	0.21	0.28	0.30	0.25	0.26	0.14	0.08	0.07		
5	0.05	0.05	0.06	0.14	0.19	0.29	0.32	0.26	0.23	0.14	0.07	0.07		
6	0.07	0.04	0.05	0.10	0.21	0.28	0.31	0.20	0.26	0.14	0.09	0.06		
7	0.06	0.06	0.06	0.14	0.23	0.29	0.31	0.29	0.25	0.15	0.06	0.04		
8	0.02	0.04	0.06	0.18	0.23	0.34	0.29	0.30	0.26	0.16	0.09	0.07		
9	0.02	0.04	0.07	0.16	0.22	0.34	0.27	0.27	0.23	0.20	0.09	0.05		
10	0.02	0.04	0.08	0.15	0.19	0.27	0.32	0.26	0.20	0.17	0.07	0.05		
11	0.03	0.05	0.08	0.14	0.20	0.27	0.32	0.26	0.20	0.14	0.04	0.05		
12	0.03	-0.06	0.07	0.14	0.20	0.26	0.27	0.27	0.20	0.14	-0.09	0.04		
13	0.04	-0.15	0.07	0.15	0.19	0.25	0.27	0.26	0.20	0.14	0.06	0.04		
14	0.04	0.02	0.09	0.16	0.19	0.25	0.29	0.20	0.21	0.14	0.07	0.04		
15	0.05	0.03	0.04	0.16	0.21	0.30	0.29	0.19	0.23	0.14	0.06	0.06		
16	0.05	0.04	0.06	0.14	0.21	0.28	0.33	0.20	0.20	0.14	0.08	0.09		
17	0.05	0.04	0.09	0.16	0.25	0.25	0.31	0.23	0.23	0.14	0.06	0.08		
18	0.05	0.05	0.10	0.16	0.27	0.32	0.26	0.33	0.20	0.18	0.08	0.07		
19	0.03	0.05	0.12	0.15	0.24	0.32	0.26	0.26	0.20	0.16	0.10	0.05		
20	0.03	0.06	0.10	0.15	0.24	0.25	0.26	0.14	0.19	0.15	0.07	0.04		
21	0.03	0.07	0.12	0.18	0.25	0.28	0.26	0.21	0.20	0.16	0.07	0.05		
22	0.03	0.05	0.09	0.20	0.27	0.25	0.31	0.19	0.21	0.17	0.13	0.06		
23	0.04	0.04	0.10	0.14	0.25	0.26	0.26	0.24	0.15	0.15	0.10	0.06		
24	0.05	0.05	0.12	0.15	0.26	0.23	0.31	0.19	0.14	0.14	0.07	0.03		
25	0.05	-0.12	0.11	0.17	0.26	0.24	0.27	0.21	0.16	0.22	0.06	0.05		
26	0.06	-0.02	0.11	0.19	0.24	0.24	0.25	0.23	0.17	0.19	0.06	0.08		
27	0.05	0.04	0.14	0.20	0.24	0.27	0.30	0.20	0.20	0.14	0.11	0.04		
28	0.04	0.04	0.17	0.22	0.27	0.30	0.14	0.21	0.18	0.12	0.12	0.04		
29	0.04		0.14	0.23	0.31	0.31	0.26	0.25	0.18	0.14	0.08	0.04		
30	0.05		0.14	0.20	0.31	0.31	0.24	0.24	0.19	0.11	0.07	0.03		
31	0.05		0.12		0.26		0.23	0.22		0.13		0.04		

(Daily Kc values)		Sheet Z: Page 2 of 2			2003	CROP ET								
Orchards														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.384	0.384	0.415	0.608	0.794	0.850	0.850	0.850	0.850	0.850	0.850	0.733		
2	0.384	0.384	0.421	0.614	0.800	0.850	0.850	0.850	0.850	0.850	0.850	0.726		
3	0.384	0.384	0.427	0.620	0.806	0.850	0.850	0.850	0.850	0.850	0.850	0.718		
4	0.384	0.384	0.434	0.626	0.813	0.850	0.850	0.850	0.850	0.850	0.850	0.710		
5	0.384	0.384	0.440	0.632	0.819	0.850	0.850	0.850	0.850	0.850	0.850	0.702		
6	0.384	0.384	0.446	0.639	0.825	0.850	0.850	0.850	0.850	0.850	0.850	0.694		
7	0.384	0.384	0.452	0.645	0.831	0.850	0.850	0.850	0.850	0.850	0.850	0.687		
8	0.384	0.384	0.458	0.651	0.838	0.850	0.850	0.850	0.850	0.850	0.850	0.679		
9	0.384	0.384	0.465	0.657	0.844	0.850	0.850	0.850	0.850	0.850	0.850	0.671		
10	0.384	0.384	0.471	0.664	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.663		
11	0.384	0.384	0.477	0.670	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.656		
12	0.384	0.384	0.483	0.676	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.648		
13	0.384	0.384	0.489	0.682	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.640		
14	0.384	0.384	0.496	0.688	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.632		
15	0.384	0.384	0.502	0.695	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.624		
16	0.384	0.384	0.508	0.701	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.617		
17	0.384	0.384	0.514	0.707	0.850	0.850	0.850	0.850	0.850	0.850	0.842	0.609		
18	0.384	0.384	0.521	0.713	0.850	0.850	0.850	0.850	0.850	0.850	0.834	0.601		
19	0.384	0.384	0.527	0.719	0.850	0.850	0.850	0.850	0.850	0.850	0.827	0.593		
20	0.384	0.384	0.533	0.726	0.850	0.850	0.850	0.850	0.850	0.850	0.819	0.586		
21	0.384	0.384	0.539	0.732	0.850	0.850	0.850	0.850	0.850	0.850	0.811	0.578		
22	0.384	0.384	0.545	0.738	0.850	0.850	0.850	0.850	0.850	0.850	0.803	0.570		
23	0.384	0.384	0.552	0.744	0.850	0.850	0.850	0.850	0.850	0.850	0.796	0.562		
24	0.384	0.384	0.558	0.751	0.850	0.850	0.850	0.850	0.850	0.850	0.788	0.554		
25	0.384	0.390	0.564	0.757	0.850	0.850	0.850	0.850	0.850	0.850	0.780	0.547		
26	0.384	0.396	0.570	0.763	0.850	0.850	0.850	0.850	0.850	0.850	0.772	0.539		
27	0.384	0.402	0.576	0.769	0.850	0.850	0.850	0.850	0.850	0.850	0.764	0.531		
28	0.384	0.409	0.583	0.775	0.850	0.850	0.850	0.850	0.850	0.850	0.757	0.523		
29	0.384		0.589	0.782	0.850	0.850	0.850	0.850	0.850	0.850	0.749	0.516		
30	0.384		0.595	0.788	0.850	0.850	0.850	0.850	0.850	0.850	0.741	0.508		
31	0.384		0.601		0.850		0.850	0.850		0.850		0.500		

Yuma Area ET-Rate Table			Sheet AA: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Small Vegetables [carrots, celantro, celery, garlic, onions, parsley, & radishes])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30		22.79
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.10	0.13	0.11	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.06		
2	0.14	0.16	0.15	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07		
3	0.13	0.14	0.08	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.07		
4	0.13	0.09	0.11	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.07		
5	0.13	0.14	0.13	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.08		
6	0.18	0.10	0.12	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06		
7	0.16	0.15	0.14	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05		
8	0.07	0.11	0.13	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.09		
9	0.06	0.10	0.16	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06		
10	0.06	0.11	0.17	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06		
11	0.08	0.13	0.16	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.06		
12	0.08	-0.04	0.15	0.18	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.05		
13	0.10	-0.12	0.15	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05		
14	0.10	0.07	0.18	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06		
15	0.12	0.08	0.08	0.20	0.00	0.00	0.00	0.00	0.00	0.10	0.04	0.08		
16	0.14	0.10	0.14	0.17	0.00	0.00	0.00	0.00	0.00	0.09	0.05	0.12		
17	0.14	0.10	0.18	0.20	0.00	0.00	0.00	0.00	0.00	0.10	0.04	0.11		
18	0.12	0.12	0.20	0.19	0.00	0.00	0.00	0.00	0.00	0.12	0.06	0.10		
19	0.09	0.12	0.22	0.18	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.08		
20	0.09	0.16	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.10	0.06	0.06		
21	0.07	0.17	0.22	0.20	0.00	0.00	0.00	0.00	0.00	0.11	0.06	0.07		
22	0.09	0.13	0.16	0.22	0.00	0.00	0.00	0.00	0.00	0.11	0.10	0.09		
23	0.10	0.11	0.18	0.16	0.00	0.00	0.00	0.00	0.00	0.10	0.08	0.09		
24	0.13	0.13	0.21	0.16	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.05		
25	0.14	-0.07	0.19	0.19	0.00	0.00	0.00	0.00	0.00	0.15	0.05	0.08		
26	0.15	0.04	0.19	0.20	0.00	0.00	0.00	0.00	0.00	0.12	0.05	0.13		
27	0.12	0.09	0.24	0.21	0.00	0.00	0.00	0.00	0.00	0.09	0.10	0.08		
28	0.10	0.11	0.28	0.22	0.00	0.00	0.00	0.00	0.00	0.08	0.11	0.08		
29	0.11		0.23	0.23	0.00	0.00	0.00	0.00	0.00	0.10	0.08	0.07		
30	0.13		0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.06	0.06		
31	0.14		0.19		0.00		0.00	0.00		0.08		0.07		

(Daily Kc values)		Sheet AA: Page 2 of 2			2003	CROP ET						
Small Vegetables												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.989	0.998	0.998	0.935	0.000	0.000	0.000	0.000	0.000	0.000	0.566	0.721
2	0.998	0.998	0.998	0.930	0.000	0.000	0.000	0.000	0.000	0.000	0.566	0.730
3	0.998	0.998	0.998	0.925	0.000	0.000	0.000	0.000	0.000	0.000	0.566	0.739
4	0.998	0.998	0.998	0.919	0.000	0.000	0.000	0.000	0.000	0.000	0.566	0.747
5	0.998	0.998	0.998	0.914	0.000	0.000	0.000	0.000	0.000	0.000	0.566	0.756
6	0.998	0.998	0.998	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.566	0.765
7	0.998	0.998	0.998	0.904	0.000	0.000	0.000	0.000	0.000	0.000	0.566	0.773
8	0.998	0.998	0.998	0.898	0.000	0.000	0.000	0.000	0.000	0.000	0.566	0.782
9	0.998	0.998	0.998	0.893	0.000	0.000	0.000	0.000	0.000	0.000	0.566	0.791
10	0.998	0.998	0.998	0.888	0.000	0.000	0.000	0.000	0.000	0.000	0.566	0.799
11	0.998	0.998	0.998	0.883	0.000	0.000	0.000	0.000	0.000	0.000	0.566	0.808
12	0.998	0.998	0.998	0.877	0.000	0.000	0.000	0.000	0.000	0.000	0.566	0.817
13	0.998	0.998	0.998	0.872	0.000	0.000	0.000	0.000	0.000	0.000	0.566	0.825
14	0.998	0.998	0.998	0.867	0.000	0.000	0.000	0.000	0.000	0.000	0.574	0.834
15	0.998	0.998	0.998	0.862	0.000	0.000	0.000	0.000	0.000	0.566	0.583	0.842
16	0.998	0.998	0.998	0.856	0.000	0.000	0.000	0.000	0.000	0.566	0.592	0.851
17	0.998	0.998	0.998	0.851	0.000	0.000	0.000	0.000	0.000	0.566	0.600	0.860
18	0.998	0.998	0.998	0.846	0.000	0.000	0.000	0.000	0.000	0.566	0.609	0.868
19	0.998	0.998	0.998	0.841	0.000	0.000	0.000	0.000	0.000	0.566	0.618	0.877
20	0.998	0.998	0.998	0.835	0.000	0.000	0.000	0.000	0.000	0.566	0.626	0.886
21	0.998	0.998	0.993	0.830	0.000	0.000	0.000	0.000	0.000	0.566	0.635	0.894
22	0.998	0.998	0.988	0.825	0.000	0.000	0.000	0.000	0.000	0.566	0.644	0.903
23	0.998	0.998	0.982	0.820	0.000	0.000	0.000	0.000	0.000	0.566	0.652	0.912
24	0.998	0.998	0.977	0.814	0.000	0.000	0.000	0.000	0.000	0.566	0.661	0.920
25	0.998	0.998	0.972	0.809	0.000	0.000	0.000	0.000	0.000	0.566	0.670	0.929
26	0.998	0.998	0.967	0.804	0.000	0.000	0.000	0.000	0.000	0.566	0.678	0.938
27	0.998	0.998	0.961	0.799	0.000	0.000	0.000	0.000	0.000	0.566	0.687	0.946
28	0.998	0.998	0.956	0.793	0.000	0.000	0.000	0.000	0.000	0.566	0.695	0.955
29	0.998		0.951	0.788	0.000	0.000	0.000	0.000	0.000	0.566	0.704	0.964
30	0.998		0.946	0.000	0.000	0.000	0.000	0.000	0.000	0.566	0.713	0.972
31	0.998		0.940		0.000		0.000	0.000		0.566		0.981

Yuma Area ET-Rate Table			Sheet AB: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Root Vegetables [tables beets, parsnips, turnips, & rutabagas])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57		12.59
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.14	0.08		
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.11	0.13	0.09		
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.11	0.17	0.10		
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.09	0.09	0.10		
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.09	0.08	0.10		
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.10	0.10	0.08		
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.11	0.07	0.06		
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.12	0.12	0.11		
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.15	0.10	0.08		
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.13	0.08	0.07		
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.11	0.06	0.08		
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.11	-0.09	0.06		
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.12	0.07	0.06		
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.12	0.08	0.07		
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.13	0.07	0.10		
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.12	0.09	0.14		
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.13	0.07	0.13		
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.17	0.10	0.11		
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.16	0.13	0.09		
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.15	0.09	0.07		
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.17	0.09	0.08		
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.18	0.17	0.10		
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.16	0.14	0.10		
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.15	0.09	0.05		
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.25	0.08	0.09		
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.21	0.08	0.13		
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.16	0.16	0.08		
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.14	0.17	0.08		
29	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.17	0.12	0.07		
30	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.14	0.09	0.00		
31	0.00		0.00		0.00		0.00	0.00		0.16		0.00		

(Daily Kc values)		Sheet AB: Page 2 of 2			2003	CROP ET						
Root Vegetables												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.479	1.048	1.048
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.499	1.048	1.048
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.519	1.048	1.048
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.538	1.048	1.048
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.558	1.048	1.044
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.577	1.048	1.039
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.597	1.048	1.035
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.617	1.048	1.031
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.636	1.048	1.027
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.656	1.048	1.022
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.675	1.048	1.018
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.695	1.048	1.014
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.715	1.048	1.009
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.734	1.048	1.005
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.754	1.048	1.001
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.773	1.048	0.996
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.793	1.048	0.992
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.813	1.048	0.988
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.832	1.048	0.984
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.852	1.048	0.979
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.872	1.048	0.975
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.891	1.048	0.971
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.911	1.048	0.966
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.930	1.048	0.962
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.362	0.950	1.048	0.958
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.381	0.970	1.048	0.953
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.401	0.989	1.048	0.949
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.420	1.009	1.048	0.945
29	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.440	1.028	1.048	0.940
30	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.460	1.048	1.048	0.000
31	0.000		0.000		0.000		0.000	0.000		1.048		0.000

Yuma Area ET-Rate Table			Sheet AC: Page 1 of 2		2003	CROP ET							
(Sheet to calculate ET for Perennial Vegtables [artichokes & asparagus])													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
ET, inches													
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.64
(Daily net ET values after effective precipitation has been subtracted)													
(Reference ET X Kc - eff. precip.)													
Date													
1	0.04	0.05	0.04	0.13	0.20	0.26	0.33	0.26	0.25	0.15	0.07	0.03	
2	0.06	0.07	0.06	0.14	0.22	0.30	0.32	0.26	0.21	0.16	0.07	0.04	
3	0.05	0.06	0.03	0.12	0.25	0.32	0.33	0.29	0.27	0.15	0.09	0.04	
4	0.05	0.04	0.04	0.12	0.24	0.30	0.32	0.27	0.27	0.12	0.05	0.04	
5	0.05	0.06	0.05	0.13	0.21	0.31	0.35	0.29	0.24	0.12	0.04	0.04	
6	0.07	0.04	0.05	0.10	0.23	0.30	0.34	0.21	0.26	0.12	0.05	0.03	
7	0.07	0.06	0.06	0.14	0.26	0.31	0.34	0.31	0.25	0.12	0.04	0.02	
8	0.02	0.04	0.05	0.18	0.26	0.37	0.31	0.32	0.26	0.13	0.06	0.04	
9	0.02	0.04	0.07	0.15	0.24	0.37	0.30	0.30	0.23	0.16	0.05	0.03	
10	0.02	0.04	0.07	0.15	0.20	0.30	0.35	0.28	0.19	0.13	0.04	0.03	
11	0.03	0.05	0.07	0.14	0.22	0.30	0.35	0.29	0.20	0.11	0.01	0.03	
12	0.03	-0.06	0.06	0.14	0.22	0.28	0.30	0.30	0.20	0.11	-0.10	0.02	
13	0.04	-0.15	0.06	0.15	0.20	0.27	0.30	0.29	0.20	0.11	0.03	0.02	
14	0.04	0.02	0.07	0.16	0.20	0.27	0.31	0.21	0.21	0.10	0.04	0.03	
15	0.05	0.03	0.03	0.16	0.23	0.32	0.31	0.20	0.22	0.11	0.03	0.04	
16	0.06	0.04	0.04	0.14	0.23	0.30	0.36	0.21	0.19	0.10	0.04	0.06	
17	0.06	0.04	0.07	0.17	0.27	0.27	0.33	0.25	0.22	0.11	0.03	0.05	
18	0.05	0.05	0.08	0.17	0.30	0.35	0.29	0.36	0.19	0.13	0.05	0.04	
19	0.04	0.05	0.09	0.16	0.26	0.35	0.28	0.29	0.19	0.12	0.05	0.04	
20	0.04	0.07	0.07	0.16	0.26	0.27	0.29	0.16	0.17	0.11	0.04	0.03	
21	0.03	0.07	0.09	0.19	0.27	0.30	0.29	0.23	0.18	0.12	0.04	0.03	
22	0.04	0.05	0.07	0.21	0.30	0.27	0.33	0.20	0.19	0.12	0.07	0.04	
23	0.04	0.04	0.08	0.15	0.27	0.28	0.29	0.26	0.14	0.11	0.06	0.04	
24	0.05	0.05	0.10	0.16	0.28	0.25	0.33	0.20	0.13	0.10	0.04	0.02	
25	0.06	-0.12	0.09	0.19	0.28	0.26	0.30	0.23	0.14	0.15	0.03	0.04	
26	0.06	-0.02	0.10	0.21	0.26	0.26	0.27	0.25	0.15	0.13	0.03	0.06	
27	0.05	0.04	0.12	0.22	0.26	0.30	0.32	0.21	0.17	0.09	0.06	0.03	
28	0.04	0.04	0.15	0.24	0.30	0.32	0.15	0.23	0.16	0.08	0.06	0.03	
29	0.04		0.12	0.25	0.34	0.34	0.28	0.27	0.15	0.10	0.04	0.03	
30	0.05		0.12	0.22	0.34	0.33	0.26	0.26	0.16	0.07	0.00	0.02	
31	0.06		0.11		0.29		0.25	0.24		0.08		0.03	

(Daily Kc values)		Sheet AC: Page 2 of 2			2003	CROP ET						
Perennial Vegetables												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.408	0.408	0.408	0.545	0.888	0.922	0.922	0.922	0.894	0.725	0.550	0.408
2	0.408	0.408	0.408	0.557	0.899	0.922	0.922	0.922	0.888	0.719	0.544	0.408
3	0.408	0.408	0.408	0.568	0.911	0.922	0.922	0.922	0.882	0.713	0.539	0.408
4	0.408	0.408	0.408	0.580	0.922	0.922	0.922	0.922	0.877	0.708	0.533	0.408
5	0.408	0.408	0.408	0.591	0.922	0.922	0.922	0.922	0.871	0.702	0.527	0.408
6	0.408	0.408	0.408	0.602	0.922	0.922	0.922	0.922	0.866	0.696	0.522	0.408
7	0.408	0.408	0.408	0.614	0.922	0.922	0.922	0.922	0.860	0.691	0.516	0.408
8	0.408	0.408	0.408	0.625	0.922	0.922	0.922	0.922	0.854	0.685	0.510	0.408
9	0.408	0.408	0.408	0.637	0.922	0.922	0.922	0.922	0.849	0.679	0.505	0.408
10	0.408	0.408	0.408	0.648	0.922	0.922	0.922	0.922	0.843	0.674	0.499	0.408
11	0.408	0.408	0.408	0.659	0.922	0.922	0.922	0.922	0.837	0.668	0.493	0.408
12	0.408	0.408	0.408	0.671	0.922	0.922	0.922	0.922	0.832	0.663	0.488	0.408
13	0.408	0.408	0.408	0.682	0.922	0.922	0.922	0.922	0.826	0.657	0.482	0.408
14	0.408	0.408	0.408	0.694	0.922	0.922	0.922	0.922	0.820	0.651	0.477	0.408
15	0.408	0.408	0.408	0.705	0.922	0.922	0.922	0.922	0.815	0.646	0.471	0.408
16	0.408	0.408	0.408	0.717	0.922	0.922	0.922	0.922	0.809	0.640	0.465	0.408
17	0.408	0.408	0.408	0.728	0.922	0.922	0.922	0.922	0.804	0.634	0.460	0.408
18	0.408	0.408	0.408	0.739	0.922	0.922	0.922	0.922	0.798	0.629	0.454	0.408
19	0.408	0.408	0.408	0.751	0.922	0.922	0.922	0.922	0.792	0.623	0.448	0.408
20	0.408	0.408	0.408	0.762	0.922	0.922	0.922	0.922	0.787	0.617	0.443	0.408
21	0.408	0.408	0.420	0.774	0.922	0.922	0.922	0.922	0.781	0.612	0.437	0.408
22	0.408	0.408	0.431	0.785	0.922	0.922	0.922	0.922	0.775	0.606	0.431	0.408
23	0.408	0.408	0.443	0.796	0.922	0.922	0.922	0.922	0.770	0.601	0.426	0.408
24	0.408	0.408	0.454	0.808	0.922	0.922	0.922	0.922	0.764	0.595	0.420	0.408
25	0.408	0.408	0.465	0.819	0.922	0.922	0.922	0.922	0.758	0.589	0.414	0.408
26	0.408	0.408	0.477	0.831	0.922	0.922	0.922	0.922	0.753	0.584	0.409	0.408
27	0.408	0.408	0.488	0.842	0.922	0.922	0.922	0.922	0.747	0.578	0.403	0.408
28	0.408	0.408	0.500	0.853	0.922	0.922	0.922	0.916	0.742	0.572	0.398	0.408
29	0.408		0.511	0.865	0.922	0.922	0.922	0.911	0.736	0.567	0.392	0.408
30	0.408		0.523	0.876	0.922	0.922	0.922	0.905	0.730	0.561	0.000	0.408
31	0.408		0.534		0.922		0.922	0.899		0.555		0.408

Yuma Area ET-Rate Table			Sheet AD: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Sugar Beets)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63		32.90
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.11	0.14	0.12	0.24	0.21	0.16	0.00	0.00	0.00	0.07	0.06	0.07		
2	0.15	0.17	0.16	0.27	0.21	0.00	0.00	0.00	0.00	0.08	0.06	0.07		
3	0.14	0.15	0.08	0.23	0.24	0.00	0.00	0.00	0.00	0.07	0.08	0.08		
4	0.14	0.10	0.12	0.21	0.23	0.00	0.00	0.00	0.00	0.06	0.05	0.09		
5	0.14	0.15	0.14	0.23	0.20	0.00	0.00	0.00	0.00	0.06	0.04	0.09		
6	0.19	0.11	0.13	0.17	0.21	0.00	0.00	0.00	0.00	0.06	0.05	0.07		
7	0.17	0.16	0.15	0.23	0.23	0.00	0.00	0.00	0.00	0.06	0.04	0.05		
8	0.07	0.12	0.14	0.30	0.23	0.00	0.00	0.00	0.00	0.06	0.06	0.10		
9	0.06	0.11	0.17	0.25	0.21	0.00	0.00	0.00	0.00	0.08	0.06	0.07		
10	0.06	0.12	0.18	0.24	0.18	0.00	0.00	0.00	0.00	0.07	0.05	0.06		
11	0.08	0.14	0.17	0.22	0.19	0.00	0.00	0.00	0.00	0.05	0.02	0.07		
12	0.08	-0.03	0.16	0.22	0.19	0.00	0.00	0.00	0.00	0.05	-0.10	0.06		
13	0.11	-0.12	0.16	0.23	0.17	0.00	0.00	0.00	0.00	0.06	0.04	0.06		
14	0.11	0.08	0.19	0.24	0.17	0.00	0.00	0.00	0.00	0.05	0.05	0.07		
15	0.13	0.08	0.09	0.24	0.19	0.00	0.00	0.00	0.00	0.06	0.04	0.10		
16	0.15	0.11	0.15	0.21	0.18	0.00	0.00	0.00	0.00	0.05	0.06	0.14		
17	0.15	0.11	0.19	0.24	0.21	0.00	0.00	0.00	0.00	0.06	0.05	0.13		
18	0.13	0.13	0.21	0.24	0.23	0.00	0.00	0.00	0.00	0.07	0.07	0.11		
19	0.10	0.13	0.23	0.22	0.20	0.00	0.00	0.00	0.00	0.06	0.08	0.09		
20	0.10	0.17	0.19	0.22	0.19	0.00	0.00	0.00	0.08	0.06	0.06	0.07		
21	0.07	0.18	0.23	0.24	0.20	0.00	0.00	0.00	0.08	0.07	0.06	0.08		
22	0.10	0.14	0.17	0.27	0.21	0.00	0.00	0.00	0.09	0.07	0.11	0.11		
23	0.11	0.12	0.19	0.19	0.19	0.00	0.00	0.00	0.06	0.07	0.09	0.11		
24	0.14	0.14	0.22	0.20	0.19	0.00	0.00	0.00	0.06	0.06	0.07	0.06		
25	0.15	-0.06	0.21	0.22	0.19	0.00	0.00	0.00	0.06	0.11	0.06	0.10		
26	0.16	0.04	0.21	0.24	0.17	0.00	0.00	0.00	0.07	0.09	0.06	0.15		
27	0.13	0.10	0.27	0.25	0.17	0.00	0.00	0.00	0.08	0.07	0.12	0.08		
28	0.11	0.12	0.31	0.26	0.19	0.00	0.00	0.00	0.07	0.06	0.13	0.08		
29	0.12		0.25	0.27	0.22	0.00	0.00	0.00	0.07	0.08	0.09	0.07		
30	0.14		0.24	0.23	0.21	0.00	0.00	0.00	0.08	0.06	0.07	0.06		
31	0.15		0.21		0.18		0.00	0.00		0.07		0.07		

(Daily Kc values)		Sheet AD: Page 2 of 2			2003	CROP ET						
Sugar Beets												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	1.062	1.062	1.062	1.062	0.905	0.557	0.000	0.000	0.000	0.341	0.485	0.818
2	1.062	1.062	1.062	1.062	0.893	0.000	0.000	0.000	0.000	0.341	0.496	0.829
3	1.062	1.062	1.062	1.062	0.882	0.000	0.000	0.000	0.000	0.341	0.507	0.840
4	1.062	1.062	1.062	1.062	0.871	0.000	0.000	0.000	0.000	0.341	0.518	0.851
5	1.062	1.062	1.062	1.062	0.860	0.000	0.000	0.000	0.000	0.341	0.529	0.862
6	1.062	1.062	1.062	1.062	0.849	0.000	0.000	0.000	0.000	0.341	0.540	0.873
7	1.062	1.062	1.062	1.062	0.837	0.000	0.000	0.000	0.000	0.341	0.551	0.884
8	1.062	1.062	1.062	1.062	0.826	0.000	0.000	0.000	0.000	0.341	0.562	0.895
9	1.062	1.062	1.062	1.062	0.815	0.000	0.000	0.000	0.000	0.341	0.574	0.906
10	1.062	1.062	1.062	1.062	0.804	0.000	0.000	0.000	0.000	0.341	0.585	0.917
11	1.062	1.062	1.062	1.062	0.792	0.000	0.000	0.000	0.000	0.341	0.596	0.929
12	1.062	1.062	1.062	1.062	0.781	0.000	0.000	0.000	0.000	0.341	0.607	0.940
13	1.062	1.062	1.062	1.062	0.770	0.000	0.000	0.000	0.000	0.341	0.618	0.951
14	1.062	1.062	1.062	1.062	0.759	0.000	0.000	0.000	0.000	0.341	0.629	0.962
15	1.062	1.062	1.062	1.062	0.748	0.000	0.000	0.000	0.000	0.341	0.640	0.973
16	1.062	1.062	1.062	1.062	0.736	0.000	0.000	0.000	0.000	0.341	0.651	0.984
17	1.062	1.062	1.062	1.062	0.725	0.000	0.000	0.000	0.000	0.341	0.662	0.995
18	1.062	1.062	1.062	1.050	0.714	0.000	0.000	0.000	0.000	0.341	0.673	1.006
19	1.062	1.062	1.062	1.039	0.703	0.000	0.000	0.000	0.000	0.341	0.685	1.017
20	1.062	1.062	1.062	1.028	0.691	0.000	0.000	0.000	0.341	0.352	0.696	1.028
21	1.062	1.062	1.062	1.017	0.680	0.000	0.000	0.000	0.341	0.363	0.707	1.040
22	1.062	1.062	1.062	1.006	0.669	0.000	0.000	0.000	0.341	0.374	0.718	1.051
23	1.062	1.062	1.062	0.994	0.658	0.000	0.000	0.000	0.341	0.385	0.729	1.062
24	1.062	1.062	1.062	0.983	0.647	0.000	0.000	0.000	0.341	0.396	0.740	1.062
25	1.062	1.062	1.062	0.972	0.635	0.000	0.000	0.000	0.341	0.407	0.751	1.062
26	1.062	1.062	1.062	0.961	0.624	0.000	0.000	0.000	0.341	0.418	0.762	1.062
27	1.062	1.062	1.062	0.949	0.613	0.000	0.000	0.000	0.341	0.429	0.773	1.062
28	1.062	1.062	1.062	0.938	0.602	0.000	0.000	0.000	0.341	0.440	0.784	1.062
29	1.062		1.062	0.927	0.590	0.000	0.000	0.000	0.341	0.452	0.795	1.062
30	1.062		1.062	0.916	0.579	0.000	0.000	0.000	0.341	0.463	0.807	1.062
31	1.062		1.062		0.568		0.000	0.000		0.474		1.062

Yuma Area ET-Rate Table			Sheet AE: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Grapes)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00		37.33
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.00	0.00	0.02	0.11	0.18	0.24	0.30	0.21	0.14	0.00	0.00	0.00		
2	0.00	0.00	0.02	0.12	0.19	0.27	0.30	0.21	0.12	0.00	0.00	0.00		
3	0.00	0.00	0.01	0.11	0.22	0.30	0.30	0.23	0.15	0.00	0.00	0.00		
4	0.00	0.00	0.02	0.10	0.21	0.28	0.30	0.21	0.14	0.00	0.00	0.00		
5	0.00	0.00	0.02	0.11	0.19	0.29	0.32	0.22	0.12	0.00	0.00	0.00		
6	0.00	0.00	0.02	0.08	0.21	0.28	0.31	0.16	0.13	0.00	0.00	0.00		
7	0.00	0.00	0.03	0.12	0.24	0.29	0.31	0.24	0.12	0.00	0.00	0.00		
8	0.00	0.00	0.03	0.15	0.24	0.34	0.28	0.24	0.13	0.00	0.00	0.00		
9	0.00	0.00	0.03	0.14	0.22	0.34	0.27	0.22	0.11	0.00	0.00	0.00		
10	0.00	0.00	0.04	0.13	0.19	0.27	0.32	0.21	0.09	0.00	0.00	0.00		
11	0.00	0.00	0.04	0.12	0.20	0.27	0.31	0.21	0.09	0.00	0.00	0.00		
12	0.00	0.00	0.03	0.13	0.20	0.26	0.26	0.21	0.09	0.00	0.00	0.00		
13	0.00	0.00	0.04	0.14	0.19	0.25	0.26	0.21	0.09	0.00	0.00	0.00		
14	0.00	0.00	0.05	0.14	0.19	0.25	0.28	0.15	0.09	0.00	0.00	0.00		
15	0.00	0.01	0.02	0.15	0.21	0.30	0.28	0.14	0.09	0.00	0.00	0.00		
16	0.00	0.01	0.02	0.13	0.21	0.28	0.32	0.15	0.08	0.00	0.00	0.00		
17	0.00	0.01	0.05	0.15	0.25	0.25	0.29	0.17	0.08	0.00	0.00	0.00		
18	0.00	0.01	0.06	0.15	0.27	0.32	0.25	0.24	0.07	0.00	0.00	0.00		
19	0.00	0.01	0.07	0.14	0.24	0.32	0.24	0.19	0.07	0.00	0.00	0.00		
20	0.00	0.02	0.06	0.15	0.24	0.25	0.25	0.10	0.06	0.00	0.00	0.00		
21	0.00	0.02	0.07	0.17	0.25	0.28	0.25	0.15	0.00	0.00	0.00	0.00		
22	0.00	0.01	0.05	0.19	0.27	0.25	0.28	0.13	0.00	0.00	0.00	0.00		
23	0.00	0.01	0.06	0.14	0.25	0.26	0.24	0.16	0.00	0.00	0.00	0.00		
24	0.00	0.02	0.08	0.15	0.26	0.23	0.28	0.13	0.00	0.00	0.00	0.00		
25	0.00	-0.14	0.08	0.17	0.26	0.24	0.25	0.14	0.00	0.00	0.00	0.00		
26	0.00	-0.05	0.08	0.19	0.24	0.24	0.22	0.15	0.00	0.00	0.00	0.00		
27	0.00	0.01	0.10	0.20	0.24	0.27	0.27	0.12	0.00	0.00	0.00	0.00		
28	0.00	0.02	0.12	0.22	0.27	0.30	0.12	0.13	0.00	0.00	0.00	0.00		
29	0.00		0.10	0.23	0.31	0.31	0.23	0.15	0.00	0.00	0.00	0.00		
30	0.00		0.10	0.20	0.31	0.30	0.21	0.14	0.00	0.00	0.00	0.00		
31	0.00		0.09		0.26		0.20	0.13		0.00		0.00		

(Daily Kc values)		Sheet AE: Page 2 of 2			2003	CROP ET						
Grapes												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.000	0.000	0.145	0.464	0.801	0.850	0.846	0.742	0.493	0.000	0.000	0.000
2	0.000	0.000	0.151	0.476	0.809	0.850	0.845	0.736	0.483	0.000	0.000	0.000
3	0.000	0.000	0.158	0.489	0.817	0.850	0.844	0.730	0.472	0.000	0.000	0.000
4	0.000	0.000	0.165	0.502	0.824	0.850	0.843	0.724	0.461	0.000	0.000	0.000
5	0.000	0.000	0.172	0.514	0.831	0.850	0.841	0.718	0.450	0.000	0.000	0.000
6	0.000	0.000	0.180	0.527	0.837	0.850	0.839	0.711	0.439	0.000	0.000	0.000
7	0.000	0.000	0.188	0.539	0.843	0.850	0.837	0.705	0.428	0.000	0.000	0.000
8	0.000	0.000	0.196	0.552	0.849	0.850	0.835	0.698	0.417	0.000	0.000	0.000
9	0.000	0.000	0.205	0.565	0.850	0.850	0.833	0.691	0.405	0.000	0.000	0.000
10	0.000	0.000	0.214	0.577	0.850	0.850	0.831	0.684	0.394	0.000	0.000	0.000
11	0.000	0.000	0.223	0.589	0.850	0.850	0.828	0.677	0.382	0.000	0.000	0.000
12	0.000	0.000	0.233	0.602	0.850	0.850	0.826	0.670	0.370	0.000	0.000	0.000
13	0.000	0.000	0.242	0.614	0.850	0.850	0.823	0.663	0.358	0.000	0.000	0.000
14	0.000	0.107	0.252	0.626	0.850	0.850	0.820	0.655	0.346	0.000	0.000	0.000
15	0.000	0.106	0.263	0.638	0.850	0.844	0.817	0.647	0.333	0.000	0.000	0.000
16	0.000	0.105	0.273	0.650	0.850	0.845	0.814	0.639	0.321	0.000	0.000	0.000
17	0.000	0.105	0.284	0.661	0.850	0.846	0.810	0.631	0.308	0.000	0.000	0.000
18	0.000	0.106	0.295	0.673	0.850	0.847	0.807	0.623	0.295	0.000	0.000	0.000
19	0.000	0.107	0.306	0.684	0.850	0.848	0.803	0.615	0.282	0.000	0.000	0.000
20	0.000	0.109	0.317	0.695	0.850	0.849	0.799	0.606	0.269	0.000	0.000	0.000
21	0.000	0.111	0.329	0.706	0.850	0.849	0.795	0.598	0.000	0.000	0.000	0.000
22	0.000	0.113	0.341	0.717	0.850	0.850	0.791	0.589	0.000	0.000	0.000	0.000
23	0.000	0.117	0.353	0.727	0.850	0.850	0.787	0.580	0.000	0.000	0.000	0.000
24	0.000	0.120	0.364	0.737	0.850	0.850	0.783	0.571	0.000	0.000	0.000	0.000
25	0.000	0.124	0.377	0.747	0.850	0.850	0.778	0.562	0.000	0.000	0.000	0.000
26	0.000	0.129	0.389	0.757	0.850	0.850	0.773	0.552	0.000	0.000	0.000	0.000
27	0.000	0.134	0.401	0.766	0.850	0.849	0.768	0.543	0.000	0.000	0.000	0.000
28	0.000	0.139	0.413	0.776	0.850	0.849	0.763	0.533	0.000	0.000	0.000	0.000
29	0.000		0.426	0.784	0.850	0.848	0.758	0.523	0.000	0.000	0.000	0.000
30	0.000		0.438	0.793	0.850	0.847	0.753	0.513	0.000	0.000	0.000	0.000
31	0.000		0.451		0.850		0.747	0.503		0.000		0.000

Yuma Area ET-Rate Table			Sheet AF: Page 1 of 2		2003	CROP ET								
(Sheet to calculate ET for Herbs - Miscellaneous)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Herbs-misc	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43		13.30
(Daily net ET values after effective precipitation has been subtracted)														
(Reference ET X Kc - eff. precip.)														
Date														
1	0.09	0.12	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.07		
2	0.13	0.15	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.08		
3	0.12	0.13	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.09		
4	0.12	0.08	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.09		
5	0.12	0.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.09		
6	0.16	0.09	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.07		
7	0.15	0.14	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05		
8	0.06	0.10	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.10		
9	0.05	0.09	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.07		
10	0.05	0.10	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06		
11	0.07	0.12	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.07		
12	0.07	-0.04	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.05		
13	0.09	-0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05		
14	0.09	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06		
15	0.11	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.05	0.09		
16	0.13	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.06	0.13		
17	0.13	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.05	0.12		
18	0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.07	0.10		
19	0.08	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.09	0.08		
20	0.08	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.06		
21	0.06	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.07		
22	0.08	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.12	0.09		
23	0.09	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.10	0.09		
24	0.12	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.07	0.05		
25	0.13	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.06	0.08		
26	0.14	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.06	0.13		
27	0.11	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.12	0.07		
28	0.09	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.13	0.07		
29	0.10		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.09	0.06		
30	0.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.07	0.05		
31	0.13		0.00		0.00		0.00	0.00		0.09		0.06		

(Daily Kc values)		Sheet AF: Page 2 of 2			2003	CROP ET								
Herbs-misc														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.909	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.838		
2	0.909	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.848		
3	0.909	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.858		
4	0.909	0.909	0.903	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.868		
5	0.909	0.909	0.896	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.879		
6	0.909	0.909	0.890	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.889		
7	0.909	0.909	0.883	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.899		
8	0.909	0.909	0.877	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.909		
9	0.909	0.909	0.870	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.614	0.909		
10	0.909	0.909	0.864	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.624	0.909		
11	0.909	0.909	0.857	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.634	0.909		
12	0.909	0.909	0.851	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.644	0.909		
13	0.909	0.909	0.845	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.655	0.909		
14	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.665	0.909		
15	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.675	0.909		
16	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.685	0.909		
17	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.695	0.909		
18	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.705	0.909		
19	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.716	0.909		
20	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.726	0.909		
21	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.736	0.909		
22	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.746	0.909		
23	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.756	0.909		
24	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.767	0.909		
25	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.777	0.909		
26	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.787	0.909		
27	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.797	0.909		
28	0.909	0.909	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.807	0.909		
29	0.909		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.818	0.909		
30	0.909		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.604	0.828	0.909		
31	0.909		0.000		0.000		0.000	0.000		0.604		0.909		

Yuma Area ET-Rate Table			Sheet AT: Page 1 of 2			2003	CROP ET							
(Sheet to calculate ET for Phreatophyte area classified Wildlife Refuge Moist Soil Unit)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71		63.02
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.10	0.13	0.11	0.23	0.23	0.05	0.29	0.32	0.30	0.20	0.13	0.08		
2	0.14	0.16	0.15	0.25	0.24	0.06	0.29	0.32	0.25	0.22	0.12	0.09		
3	0.13	0.14	0.08	0.22	0.27	0.06	0.32	0.36	0.31	0.21	0.16	0.10		
4	0.13	0.09	0.11	0.20	0.26	0.06	0.32	0.33	0.30	0.17	0.09	0.10		
5	0.13	0.14	0.13	0.22	0.23	0.06	0.36	0.36	0.26	0.17	0.08	0.10		
6	0.18	0.10	0.12	0.16	0.25	0.06	0.37	0.26	0.28	0.17	0.10	0.08		
7	0.16	0.15	0.14	0.22	0.28	0.06	0.38	0.39	0.26	0.18	0.07	0.06		
8	0.07	0.11	0.13	0.28	0.28	0.07	0.36	0.40	0.26	0.19	0.11	0.11		
9	0.06	0.10	0.16	0.24	0.26	0.07	0.36	0.37	0.23	0.23	0.10	0.08		
10	0.06	0.11	0.17	0.23	0.22	0.06	0.44	0.35	0.19	0.20	0.08	0.07		
11	0.08	0.13	0.16	0.21	0.24	0.06	0.44	0.36	0.19	0.16	0.06	0.08		
12	0.08	-0.04	0.15	0.21	0.11	0.05	0.37	0.37	0.18	0.16	-0.09	0.06		
13	0.10	-0.12	0.15	0.22	0.10	0.05	0.37	0.36	0.18	0.17	0.07	0.06		
14	0.10	0.07	0.18	0.23	0.10	0.05	0.39	0.26	0.18	0.16	0.08	0.07		
15	0.12	0.08	0.08	0.23	0.11	0.06	0.39	0.25	0.18	0.17	0.07	0.10		
16	0.14	0.10	0.14	0.20	0.11	0.07	0.45	0.26	0.15	0.16	0.09	0.14		
17	0.14	0.10	0.18	0.23	0.13	0.07	0.41	0.31	0.17	0.17	0.07	0.13		
18	0.12	0.12	0.20	0.23	0.14	0.11	0.36	0.45	0.14	0.21	0.10	0.11		
19	0.09	0.12	0.22	0.21	0.12	0.13	0.35	0.36	0.13	0.19	0.12	0.09		
20	0.09	0.16	0.18	0.21	0.12	0.11	0.36	0.20	0.12	0.18	0.09	0.07		
21	0.07	0.17	0.22	0.24	0.12	0.14	0.36	0.29	0.12	0.19	0.09	0.08		
22	0.09	0.13	0.16	0.27	0.12	0.13	0.41	0.25	0.12	0.20	0.16	0.10		
23	0.10	0.11	0.08	0.11	0.08	0.08	0.17	0.15	0.10	0.18	0.13	0.10		
24	0.13	0.13	0.21	0.20	0.10	0.14	0.41	0.25	0.07	0.16	0.09	0.06		
25	0.14	-0.07	0.20	0.23	0.10	0.16	0.37	0.29	0.07	0.26	0.08	0.09		
26	0.15	0.04	0.20	0.25	0.08	0.17	0.33	0.31	0.07	0.22	0.08	0.14		
27	0.12	0.09	0.25	0.26	0.08	0.20	0.40	0.26	0.08	0.16	0.15	0.08		
28	0.10	0.11	0.29	0.28	0.08	0.24	0.18	0.29	0.07	0.14	0.16	0.08		
29	0.11	0.00	0.24	0.29	0.09	0.27	0.35	0.33	0.06	0.17	0.11	0.07		
30	0.13	0.00	0.23	0.25	0.08	0.27	0.32	0.31	0.06	0.13	0.09	0.06		
31	0.14	0.00	0.20	0.00	0.06	0.00	0.31	0.28	0.00	0.15	0.00	0.07		

(Daily Kc values)		Sheet AT: Page 2 of 2		2003	CROP ET									
Moist Soil Unit														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	1.00	1.00	1.00	1.00	1.00	0.18	0.80	1.15	1.07	1.00	1.00	1.00		
2	1.00	1.00	1.00	1.00	1.00	0.18	0.84	1.15	1.04	1.00	1.00	1.00		
3	1.00	1.00	1.00	1.00	1.00	0.18	0.88	1.15	1.01	1.00	1.00	1.00		
4	1.00	1.00	1.00	1.00	1.00	0.18	0.92	1.15	0.98	1.00	1.00	1.00		
5	1.00	1.00	1.00	1.00	1.00	0.18	0.96	1.15	0.95	1.00	1.00	1.00		
6	1.00	1.00	1.00	1.00	1.00	0.18	0.99	1.15	0.93	1.00	1.00	1.00		
7	1.00	1.00	1.00	1.00	1.00	0.18	1.03	1.15	0.90	1.00	1.00	1.00		
8	1.00	1.00	1.00	1.00	1.00	0.18	1.07	1.15	0.87	1.00	1.00	1.00		
9	1.00	1.00	1.00	1.00	1.00	0.18	1.11	1.15	0.84	1.00	1.00	1.00		
10	1.00	1.00	1.00	1.00	1.00	0.18	1.15	1.15	0.81	1.00	1.00	1.00		
11	1.00	1.00	1.00	1.00	1.00	0.18	1.15	1.15	0.78	1.00	1.00	1.00		
12	1.00	1.00	1.00	1.00	0.44	0.18	1.15	1.15	0.76	1.00	1.00	1.00		
13	1.00	1.00	1.00	1.00	0.44	0.18	1.15	1.15	0.73	1.00	1.00	1.00		
14	1.00	1.00	1.00	1.00	0.46	0.18	1.15	1.15	0.70	1.00	1.00	1.00		
15	1.00	1.00	1.00	1.00	0.44	0.18	1.15	1.15	0.67	1.00	1.00	1.00		
16	1.00	1.00	1.00	1.00	0.43	0.22	1.15	1.15	0.64	1.00	1.00	1.00		
17	1.00	1.00	1.00	1.00	0.44	0.25	1.15	1.15	0.62	1.00	1.00	1.00		
18	1.00	1.00	1.00	1.00	0.44	0.29	1.15	1.15	0.59	1.00	1.00	1.00		
19	1.00	1.00	1.00	1.00	0.42	0.33	1.15	1.15	0.56	1.00	1.00	1.00		
20	1.00	1.00	1.00	1.00	0.42	0.37	1.15	1.15	0.53	1.00	1.00	1.00		
21	1.00	1.00	1.00	1.00	0.40	0.41	1.15	1.15	0.50	1.00	1.00	1.00		
22	1.00	1.00	1.00	1.00	0.38	0.45	1.15	1.15	0.48	1.00	1.00	1.00		
23	1.00	1.00	0.44	0.60	0.28	0.25	0.55	0.55	0.55	1.00	1.00	1.00		
24	1.00	1.00	1.00	1.00	0.34	0.53	1.15	1.15	0.42	1.00	1.00	1.00		
25	1.00	1.00	1.00	1.00	0.32	0.57	1.15	1.15	0.39	1.00	1.00	1.00		
26	1.00	1.00	1.00	1.00	0.30	0.60	1.15	1.15	0.36	1.00	1.00	1.00		
27	1.00	1.00	1.00	1.00	0.28	0.64	1.15	1.15	0.33	1.00	1.00	1.00		
28	1.00	1.00	1.00	1.00	0.26	0.68	1.15	1.15	0.31	1.00	1.00	1.00		
29	1.00		1.00	1.00	0.24	0.72	1.15	1.15	0.28	1.00	1.00	1.00		
30	1.00		1.00	1.00	0.22	0.76	1.15	1.12	0.25	1.00	1.00	1.00		
31	1.00		1.00		0.20		1.15	1.09		1.00		1.00		

Yuma Area ET-Rate Table			Sheet AU: Page 1 of 2			2003	CROP ET							
(Sheet to calculate ET for Phreatophyte area classified as Wildlife Refuge Seasonal Wetland)														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
Total ET, inches														
Seasonal Wetland	3.492	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71		45.46
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.10	0.13	0.11	0.10	0.14	0.08	0.10	0.15	0.15	0.20	0.13	0.08		
2	0.14	0.16	0.15	0.12	0.14	0.08	0.11	0.15	0.13	0.22	0.12	0.09		
3	0.13	0.14	0.08	0.10	0.16	0.08	0.12	0.17	0.17	0.21	0.16	0.10		
4	0.13	0.09	0.11	0.10	0.16	0.09	0.13	0.16	0.17	0.17	0.09	0.10		
5	0.13	0.14	0.13	0.11	0.14	0.10	0.15	0.17	0.15	0.17	0.08	0.10		
6	0.18	0.10	0.12	0.08	0.15	0.09	0.16	0.13	0.17	0.17	0.10	0.08		
7	0.16	0.15	0.14	0.12	0.17	0.09	0.17	0.19	0.16	0.18	0.07	0.06		
8	0.07	0.11	0.13	0.15	0.17	0.10	0.17	0.19	0.17	0.19	0.11	0.11		
9	0.06	0.10	0.16	0.13	0.16	0.09	0.17	0.18	0.15	0.23	0.10	0.08		
10	0.06	0.11	0.17	0.13	0.13	0.09	0.21	0.17	0.13	0.20	0.08	0.07		
11	0.08	0.13	0.16	0.12	0.14	0.09	0.21	0.17	0.13	0.16	0.06	0.08		
12	0.08	-0.04	0.15	0.13	0.14	0.08	0.18	0.18	0.13	0.16	-0.09	0.06		
13	0.10	-0.12	0.15	0.13	0.12	0.08	0.18	0.17	0.13	0.17	0.07	0.06		
14	0.10	0.07	0.18	0.14	0.11	0.08	0.19	0.13	0.14	0.16	0.08	0.07		
15	0.12	0.08	0.08	0.14	0.12	0.09	0.19	0.12	0.15	0.17	0.07	0.10		
16	0.14	0.10	0.14	0.12	0.12	0.08	0.21	0.13	0.13	0.16	0.09	0.14		
17	0.14	0.10	0.18	0.14	0.12	0.07	0.20	0.15	0.15	0.17	0.07	0.13		
18	0.12	0.12	0.20	0.14	0.13	0.09	0.17	0.21	0.13	0.21	0.10	0.11		
19	0.09	0.12	0.22	0.13	0.11	0.09	0.17	0.17	0.13	0.19	0.12	0.09		
20	0.09	0.16	0.18	0.13	0.10	0.07	0.17	0.09	0.12	0.18	0.09	0.07		
21	0.07	0.17	0.22	0.14	0.10	0.08	0.17	0.14	0.13	0.19	0.09	0.08		
22	0.09	0.13	0.07	0.16	0.10	0.07	0.20	0.12	0.14	0.20	0.16	0.10		
23	0.10	0.11	0.08	0.11	0.08	0.08	0.17	0.15	0.10	0.18	0.13	0.10		
24	0.13	0.13	0.10	0.12	0.08	0.07	0.20	0.12	0.09	0.16	0.09	0.06		
25	0.14	-0.07	0.09	0.14	0.08	0.08	0.18	0.14	0.10	0.26	0.08	0.09		
26	0.15	0.04	0.09	0.15	0.08	0.07	0.16	0.15	0.11	0.22	0.08	0.14		
27	0.12	0.09	0.11	0.16	0.08	0.09	0.19	0.13	0.13	0.16	0.15	0.08		
28	0.10	0.11	0.13	0.17	0.09	0.10	0.09	0.14	0.12	0.14	0.16	0.08		
29	0.11	0.00	0.10	0.17	0.10	0.10	0.17	0.16	0.12	0.17	0.11	0.07		
30	0.13	0.00	0.10	0.15	0.10	0.09	0.15	0.15	0.12	0.13	0.09	0.06		
31	0.14	0.00	0.09	0.00	0.08	0.00	0.15	0.14	0.00	0.15	0.00	0.07		

(Daily Kc values)		Sheet AU: Page 2 of 2		2003	CROP ET									
Seasonal Wetland														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	1.000	1.000	1.000	0.440	0.600	0.280	0.280	0.550	0.550	1.000	1.000	1.000		
2	1.000	1.000	1.000	0.460	0.600	0.260	0.310	0.550	0.550	1.000	1.000	1.000		
3	1.000	1.000	1.000	0.470	0.600	0.240	0.340	0.550	0.550	1.000	1.000	1.000		
4	1.000	1.000	1.000	0.490	0.600	0.270	0.370	0.550	0.550	1.000	1.000	1.000		
5	1.000	1.000	1.000	0.500	0.600	0.280	0.400	0.550	0.550	1.000	1.000	1.000		
6	1.000	1.000	1.000	0.520	0.600	0.260	0.430	0.550	0.550	1.000	1.000	1.000		
7	1.000	1.000	1.000	0.530	0.600	0.260	0.460	0.550	0.550	1.000	1.000	1.000		
8	1.000	1.000	1.000	0.540	0.600	0.240	0.490	0.550	0.550	1.000	1.000	1.000		
9	1.000	1.000	1.000	0.560	0.600	0.230	0.520	0.550	0.550	1.000	1.000	1.000		
10	1.000	1.000	1.000	0.570	0.600	0.270	0.550	0.550	0.550	1.000	1.000	1.000		
11	1.000	1.000	1.000	0.590	0.600	0.280	0.550	0.550	0.550	1.000	1.000	1.000		
12	1.000	1.000	1.000	0.600	0.570	0.270	0.550	0.550	0.550	1.000	1.000	1.000		
13	1.000	1.000	1.000	0.600	0.540	0.280	0.550	0.550	0.550	1.000	1.000	1.000		
14	1.000	1.000	1.000	0.600	0.510	0.260	0.550	0.550	0.550	1.000	1.000	1.000		
15	1.000	1.000	1.000	0.600	0.490	0.250	0.550	0.550	0.550	1.000	1.000	1.000		
16	1.000	1.000	1.000	0.600	0.460	0.250	0.550	0.550	0.550	1.000	1.000	1.000		
17	1.000	1.000	1.000	0.600	0.430	0.240	0.550	0.550	0.550	1.000	1.000	1.000		
18	1.000	1.000	1.000	0.600	0.410	0.240	0.550	0.550	0.550	1.000	1.000	1.000		
19	1.000	1.000	1.000	0.600	0.380	0.230	0.550	0.550	0.550	1.000	1.000	1.000		
20	1.000	1.000	1.000	0.600	0.360	0.240	0.550	0.550	0.550	1.000	1.000	1.000		
21	1.000	1.000	1.000	0.600	0.330	0.240	0.550	0.550	0.550	1.000	1.000	1.000		
22	1.000	1.000	0.440	0.600	0.310	0.250	0.550	0.550	0.550	1.000	1.000	1.000		
23	1.000	1.000	0.440	0.600	0.280	0.250	0.550	0.550	0.550	1.000	1.000	1.000		
24	1.000	1.000	0.460	0.600	0.250	0.260	0.550	0.550	0.550	1.000	1.000	1.000		
25	1.000	1.000	0.440	0.600	0.260	0.270	0.550	0.550	0.550	1.000	1.000	1.000		
26	1.000	1.000	0.430	0.600	0.270	0.260	0.550	0.550	0.550	1.000	1.000	1.000		
27	1.000	1.000	0.440	0.600	0.300	0.270	0.550	0.550	0.550	1.000	1.000	1.000		
28	1.000	1.000	0.440	0.600	0.290	0.280	0.550	0.550	0.550	1.000	1.000	1.000		
29	1.000		0.420	0.600	0.270	0.280	0.550	0.550	0.550	1.000	1.000	1.000		
30	1.000		0.420	0.600	0.260	0.250	0.550	0.550	0.550	1.000	1.000	1.000		
31	1.000		0.430		0.260		0.550	0.550		1.000		1.000		

Yuma Area ET-Rate Table			Sheet AG: Page 1 of 2		2003	PHREATOPHYTE ET								
(Sheet to calculate ET for Phreatophyte area classified Marsh [40% cattail, bullrush, phragmites{bamboo}])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68		71.76
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.03	0.03	0.03	0.27	0.27	0.33	0.43	0.33	0.33	0.21	0.03	0.02		
2	0.04	0.04	0.05	0.30	0.29	0.38	0.42	0.33	0.29	0.22	0.03	0.02		
3	0.03	0.04	0.03	0.26	0.32	0.42	0.43	0.37	0.37	0.20	0.04	0.03		
4	0.03	0.02	0.04	0.24	0.31	0.39	0.42	0.34	0.37	0.16	0.02	0.03		
5	0.03	0.04	0.05	0.26	0.27	0.40	0.45	0.37	0.32	0.15	0.02	0.03		
6	0.05	0.03	0.05	0.19	0.30	0.39	0.44	0.27	0.36	0.15	0.03	0.02		
7	0.04	0.04	0.07	0.26	0.33	0.40	0.44	0.40	0.34	0.15	0.02	0.02		
8	0.02	0.03	0.07	0.33	0.33	0.48	0.40	0.42	0.36	0.15	0.03	0.03		
9	0.02	0.03	0.09	0.29	0.31	0.48	0.38	0.38	0.32	0.18	0.03	0.02		
10	0.02	0.03	0.10	0.27	0.26	0.38	0.45	0.36	0.27	0.15	0.02	0.02		
11	0.02	0.03	0.10	0.25	0.29	0.38	0.45	0.37	0.29	0.11	0.02	0.02		
12	0.02	0.01	0.09	0.25	0.29	0.36	0.38	0.38	0.29	0.11	0.01	0.02		
13	0.03	0.01	0.10	0.26	0.26	0.34	0.38	0.37	0.29	0.11	0.02	0.02		
14	0.03	0.02	0.12	0.27	0.26	0.34	0.40	0.27	0.30	0.10	0.02	0.02		
15	0.03	0.02	0.07	0.27	0.30	0.42	0.40	0.26	0.32	0.10	0.02	0.03		
16	0.04	0.03	0.12	0.24	0.30	0.39	0.46	0.27	0.29	0.09	0.02	0.04		
17	0.04	0.03	0.14	0.27	0.34	0.34	0.43	0.32	0.32	0.09	0.02	0.03		
18	0.03	0.03	0.16	0.27	0.38	0.45	0.37	0.46	0.29	0.10	0.03	0.03		
19	0.02	0.03	0.19	0.25	0.33	0.45	0.36	0.37	0.29	0.09	0.03	0.02		
20	0.02	0.04	0.16	0.25	0.33	0.34	0.37	0.20	0.26	0.08	0.02	0.02		
21	0.02	0.04	0.20	0.29	0.34	0.39	0.37	0.30	0.27	0.07	0.02	0.02		
22	0.02	0.03	0.15	0.32	0.38	0.34	0.43	0.26	0.30	0.07	0.04	0.03		
23	0.03	0.03	0.17	0.23	0.34	0.36	0.37	0.33	0.21	0.06	0.03	0.03		
24	0.03	0.03	0.21	0.24	0.36	0.32	0.43	0.26	0.20	0.05	0.02	0.02		
25	0.04	0.02	0.21	0.27	0.36	0.33	0.38	0.30	0.23	0.07	0.02	0.02		
26	0.04	0.03	0.21	0.30	0.33	0.33	0.34	0.32	0.24	0.05	0.02	0.04		
27	0.03	0.02	0.27	0.31	0.33	0.38	0.42	0.27	0.27	0.04	0.04	0.02		
28	0.03	0.03	0.33	0.33	0.38	0.42	0.19	0.30	0.24	0.04	0.04	0.02		
29	0.03		0.28	0.34	0.44	0.44	0.36	0.34	0.23	0.04	0.03	0.02		
30	0.03		0.27	0.30	0.44	0.43	0.33	0.33	0.23	0.03	0.02	0.02		
31	0.04		0.24		0.37		0.32	0.31		0.04		0.02		

(Daily Kc values)		Sheet AG: Page 2 of 2			2003	PHREATOPHYTE ET						
Marsh												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.260	0.260	0.291	1.189	1.189	1.189	1.189	1.189	1.189	1.028	0.250	0.250
2	0.260	0.260	0.322	1.189	1.189	1.189	1.189	1.189	1.189	0.996	0.250	0.250
3	0.260	0.260	0.353	1.189	1.189	1.189	1.189	1.189	1.189	0.964	0.250	0.250
4	0.260	0.260	0.384	1.189	1.189	1.189	1.189	1.189	1.189	0.932	0.250	0.250
5	0.260	0.260	0.415	1.189	1.189	1.189	1.189	1.189	1.189	0.899	0.250	0.250
6	0.260	0.260	0.446	1.189	1.189	1.189	1.189	1.189	1.189	0.867	0.250	0.250
7	0.260	0.260	0.477	1.189	1.189	1.189	1.189	1.189	1.189	0.835	0.250	0.250
8	0.260	0.260	0.508	1.189	1.189	1.189	1.189	1.189	1.189	0.803	0.250	0.250
9	0.260	0.260	0.539	1.189	1.189	1.189	1.189	1.189	1.189	0.771	0.250	0.250
10	0.260	0.260	0.569	1.189	1.189	1.189	1.189	1.189	1.189	0.739	0.250	0.250
11	0.260	0.260	0.600	1.189	1.189	1.189	1.189	1.189	1.189	0.707	0.250	0.250
12	0.260	0.260	0.631	1.189	1.189	1.189	1.189	1.189	1.189	0.675	0.250	0.250
13	0.260	0.260	0.662	1.189	1.189	1.189	1.189	1.189	1.189	0.643	0.250	0.250
14	0.260	0.260	0.693	1.189	1.189	1.189	1.189	1.189	1.189	0.610	0.250	0.250
15	0.260	0.260	0.724	1.189	1.189	1.189	1.189	1.189	1.189	0.578	0.250	0.250
16	0.260	0.260	0.755	1.189	1.189	1.189	1.189	1.189	1.189	0.546	0.250	0.250
17	0.260	0.260	0.786	1.189	1.189	1.189	1.189	1.189	1.189	0.514	0.250	0.250
18	0.260	0.260	0.817	1.189	1.189	1.189	1.189	1.189	1.189	0.482	0.250	0.250
19	0.260	0.260	0.848	1.189	1.189	1.189	1.189	1.189	1.189	0.450	0.250	0.250
20	0.260	0.260	0.879	1.189	1.189	1.189	1.189	1.189	1.189	0.418	0.250	0.250
21	0.260	0.260	0.910	1.189	1.189	1.189	1.189	1.189	1.189	0.386	0.250	0.250
22	0.260	0.260	0.941	1.189	1.189	1.189	1.189	1.189	1.189	0.353	0.250	0.250
23	0.260	0.260	0.972	1.189	1.189	1.189	1.189	1.189	1.189	0.321	0.250	0.250
24	0.260	0.260	1.003	1.189	1.189	1.189	1.189	1.189	1.189	0.289	0.250	0.250
25	0.260	0.260	1.034	1.189	1.189	1.189	1.189	1.189	1.189	0.257	0.250	0.250
26	0.260	0.260	1.065	1.189	1.189	1.189	1.189	1.189	1.189	0.225	0.250	0.250
27	0.260	0.260	1.096	1.189	1.189	1.189	1.189	1.189	1.156	0.250	0.250	0.250
28	0.260	0.260	1.127	1.189	1.189	1.189	1.189	1.189	1.124	0.250	0.250	0.250
29	0.260		1.158	1.189	1.189	1.189	1.189	1.189	1.092	0.250	0.250	0.250
30	0.260		1.189	1.189	1.189	1.189	1.189	1.189	1.060	0.250	0.250	0.250
31	0.260		1.189		1.189		1.189	1.189		0.250		0.250

Yuma Area ET-Rate Table			Sheet AH: Page 1 of 2		2003	PHREATOPHYTE ET								
(Sheet to calculate ET for Phreatophyte area classified Barren [<= 10% vegetation])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78		12.83
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.03	0.04	0.04	0.04	0.03	0.04	0.05	0.04	0.04	0.03	0.02	0.02		
2	0.05	0.05	0.05	0.04	0.03	0.04	0.05	0.04	0.03	0.03	0.02	0.02		
3	0.04	0.05	0.03	0.04	0.04	0.05	0.05	0.04	0.04	0.03	0.03	0.03		
4	0.04	0.03	0.03	0.03	0.04	0.04	0.05	0.04	0.04	0.02	0.02	0.03		
5	0.04	0.05	0.04	0.04	0.03	0.05	0.05	0.04	0.04	0.02	0.02	0.03		
6	0.06	0.03	0.04	0.02	0.03	0.04	0.05	0.03	0.04	0.02	0.02	0.02		
7	0.05	0.05	0.04	0.03	0.04	0.05	0.05	0.05	0.04	0.02	0.01	0.02		
8	0.02	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.04	0.03	0.02	0.03		
9	0.02	0.03	0.05	0.03	0.04	0.05	0.04	0.04	0.04	0.03	0.02	0.02		
10	0.02	0.04	0.05	0.03	0.03	0.04	0.05	0.04	0.03	0.03	0.02	0.02		
11	0.03	0.04	0.05	0.03	0.03	0.04	0.05	0.04	0.03	0.02	0.02	0.02		
12	0.03	0.01	0.04	0.03	0.03	0.04	0.04	0.04	0.03	0.02	0.00	0.02		
13	0.03	0.01	0.04	0.03	0.03	0.04	0.04	0.04	0.03	0.02	0.01	0.02		
14	0.03	0.03	0.05	0.03	0.03	0.04	0.05	0.03	0.03	0.02	0.02	0.02		
15	0.04	0.03	0.02	0.03	0.03	0.05	0.05	0.03	0.04	0.02	0.02	0.03		
16	0.05	0.03	0.04	0.03	0.03	0.04	0.05	0.03	0.03	0.02	0.02	0.04		
17	0.05	0.03	0.05	0.03	0.04	0.04	0.05	0.04	0.04	0.03	0.02	0.04		
18	0.04	0.04	0.05	0.03	0.04	0.05	0.04	0.05	0.03	0.03	0.02	0.03		
19	0.03	0.04	0.05	0.03	0.04	0.05	0.04	0.04	0.03	0.03	0.03	0.03		
20	0.03	0.05	0.04	0.03	0.04	0.04	0.04	0.02	0.03	0.03	0.02	0.02		
21	0.02	0.06	0.05	0.03	0.04	0.04	0.04	0.03	0.03	0.03	0.02	0.02		
22	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.03	0.03	0.03	0.04	0.03		
23	0.03	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.02	0.03	0.03	0.03		
24	0.04	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.02	0.03	0.02	0.02		
25	0.05	0.03	0.04	0.03	0.04	0.04	0.04	0.03	0.03	0.04	0.02	0.03		
26	0.05	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.02	0.04		
27	0.04	0.03	0.05	0.04	0.04	0.04	0.05	0.03	0.03	0.03	0.04	0.03		
28	0.03	0.04	0.06	0.04	0.04	0.05	0.02	0.03	0.03	0.02	0.04	0.03		
29	0.04		0.05	0.04	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.02		
30	0.04		0.04	0.03	0.05	0.05	0.04	0.04	0.03	0.02	0.02	0.02		
31	0.05		0.04		0.04		0.04	0.04		0.03		0.02		

(Daily Kc values)		Sheet AH: Page 2 of 2			2003	PHREATOPHYTE ET						
Barren												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.180	0.136	0.136	0.136	0.136	0.136	0.136	0.183	0.254
2	0.331	0.331	0.326	0.175	0.136	0.136	0.136	0.136	0.136	0.136	0.186	0.257
3	0.331	0.331	0.321	0.170	0.136	0.136	0.136	0.136	0.136	0.136	0.188	0.259
4	0.331	0.331	0.316	0.165	0.136	0.136	0.136	0.136	0.136	0.136	0.190	0.261
5	0.331	0.331	0.311	0.160	0.136	0.136	0.136	0.136	0.136	0.136	0.193	0.264
6	0.331	0.331	0.306	0.156	0.136	0.136	0.136	0.136	0.136	0.136	0.195	0.266
7	0.331	0.331	0.302	0.151	0.136	0.136	0.136	0.136	0.136	0.136	0.197	0.268
8	0.331	0.331	0.297	0.146	0.136	0.136	0.136	0.136	0.136	0.136	0.200	0.271
9	0.331	0.331	0.292	0.141	0.136	0.136	0.136	0.136	0.136	0.136	0.202	0.273
10	0.331	0.331	0.287	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.205	0.275
11	0.331	0.331	0.282	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.207	0.278
12	0.331	0.331	0.277	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.209	0.280
13	0.331	0.331	0.272	0.136	0.136	0.136	0.136	0.136	0.136	0.138	0.212	0.282
14	0.331	0.331	0.267	0.136	0.136	0.136	0.136	0.136	0.136	0.141	0.214	0.285
15	0.331	0.331	0.263	0.136	0.136	0.136	0.136	0.136	0.136	0.143	0.216	0.287
16	0.331	0.331	0.258	0.136	0.136	0.136	0.136	0.136	0.136	0.145	0.219	0.290
17	0.331	0.331	0.253	0.136	0.136	0.136	0.136	0.136	0.136	0.148	0.221	0.292
18	0.331	0.331	0.248	0.136	0.136	0.136	0.136	0.136	0.136	0.150	0.223	0.294
19	0.331	0.331	0.243	0.136	0.136	0.136	0.136	0.136	0.136	0.153	0.226	0.297
20	0.331	0.331	0.238	0.136	0.136	0.136	0.136	0.136	0.136	0.155	0.228	0.299
21	0.331	0.331	0.233	0.136	0.136	0.136	0.136	0.136	0.136	0.157	0.231	0.301
22	0.331	0.331	0.229	0.136	0.136	0.136	0.136	0.136	0.136	0.160	0.233	0.304
23	0.331	0.331	0.224	0.136	0.136	0.136	0.136	0.136	0.136	0.162	0.235	0.306
24	0.331	0.331	0.219	0.136	0.136	0.136	0.136	0.136	0.136	0.164	0.238	0.308
25	0.331	0.331	0.214	0.136	0.136	0.136	0.136	0.136	0.136	0.167	0.240	0.311
26	0.331	0.331	0.209	0.136	0.136	0.136	0.136	0.136	0.136	0.169	0.242	0.313
27	0.331	0.331	0.204	0.136	0.136	0.136	0.136	0.136	0.136	0.171	0.245	0.316
28	0.331	0.331	0.199	0.136	0.136	0.136	0.136	0.136	0.136	0.174	0.247	0.318
29	0.331		0.194	0.136	0.136	0.136	0.136	0.136	0.136	0.176	0.249	0.320
30	0.331		0.190	0.136	0.136	0.136	0.136	0.136	0.136	0.179	0.252	0.323
31	0.331		0.185		0.136		0.136	0.136		0.181		0.325

Yuma Area ET-Rate Table			Sheet AI: Page 1 of 2		2003	PHREATOPHYTE ET								
(Sheet to calculate ET for Phreatophyte area classified Sc-low [11-60% salt cedar & <= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54		57.09
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.03	0.04	0.04	0.11	0.17	0.27	0.35	0.27	0.27	0.19	0.07	0.02		
2	0.05	0.05	0.05	0.12	0.18	0.31	0.34	0.27	0.23	0.20	0.07	0.02		
3	0.04	0.05	0.03	0.11	0.21	0.34	0.35	0.30	0.30	0.19	0.09	0.02		
4	0.04	0.03	0.04	0.10	0.20	0.32	0.34	0.28	0.30	0.15	0.05	0.02		
5	0.04	0.05	0.04	0.11	0.18	0.33	0.37	0.30	0.26	0.15	0.04	0.02		
6	0.06	0.03	0.04	0.08	0.20	0.32	0.36	0.22	0.29	0.15	0.05	0.01		
7	0.05	0.05	0.05	0.12	0.23	0.33	0.36	0.33	0.28	0.15	0.04	0.01		
8	0.02	0.04	0.04	0.15	0.23	0.39	0.33	0.34	0.29	0.16	0.05	0.02		
9	0.02	0.03	0.05	0.13	0.22	0.39	0.31	0.31	0.26	0.19	0.05	0.02		
10	0.02	0.04	0.06	0.13	0.18	0.31	0.37	0.29	0.22	0.17	0.04	0.01		
11	0.03	0.04	0.05	0.12	0.20	0.31	0.37	0.30	0.23	0.13	0.04	0.02		
12	0.03	0.01	0.05	0.12	0.20	0.29	0.31	0.31	0.23	0.13	0.01	0.01		
13	0.03	0.01	0.05	0.13	0.19	0.28	0.31	0.30	0.23	0.13	0.03	0.01		
14	0.03	0.03	0.06	0.14	0.19	0.28	0.33	0.22	0.24	0.12	0.03	0.01		
15	0.04	0.03	0.03	0.14	0.22	0.34	0.33	0.21	0.26	0.13	0.03	0.02		
16	0.05	0.03	0.05	0.12	0.22	0.32	0.38	0.22	0.23	0.12	0.04	0.03		
17	0.05	0.03	0.06	0.14	0.26	0.28	0.35	0.26	0.26	0.13	0.03	0.03		
18	0.04	0.04	0.07	0.15	0.29	0.37	0.30	0.38	0.23	0.15	0.04	0.02		
19	0.03	0.04	0.08	0.14	0.26	0.37	0.29	0.30	0.23	0.14	0.04	0.02		
20	0.03	0.05	0.07	0.14	0.26	0.28	0.30	0.17	0.21	0.13	0.03	0.01		
21	0.02	0.06	0.08	0.16	0.27	0.32	0.30	0.24	0.22	0.13	0.03	0.02		
22	0.03	0.04	0.06	0.18	0.30	0.28	0.35	0.21	0.24	0.14	0.05	0.02		
23	0.03	0.04	0.07	0.13	0.28	0.29	0.30	0.27	0.18	0.12	0.04	0.02		
24	0.04	0.04	0.08	0.14	0.29	0.26	0.35	0.21	0.17	0.11	0.03	0.01		
25	0.05	0.03	0.08	0.16	0.29	0.27	0.31	0.24	0.19	0.17	0.02	0.02		
26	0.05	0.03	0.08	0.18	0.27	0.27	0.28	0.26	0.19	0.14	0.02	0.03		
27	0.04	0.03	0.11	0.19	0.27	0.31	0.34	0.22	0.22	0.10	0.04	0.02		
28	0.03	0.04	0.13	0.20	0.31	0.34	0.16	0.24	0.20	0.09	0.04	0.02		
29	0.04		0.11	0.21	0.36	0.36	0.29	0.28	0.20	0.10	0.03	0.01		
30	0.04		0.11	0.19	0.36	0.35	0.27	0.27	0.21	0.08	0.02	0.01		
31	0.05		0.09		0.30		0.26	0.25		0.09		0.01		

(Daily Kc values)		Sheet AI: Page 2 of 2			2003	PHREATOPHYTE ET						
Sc-low												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.478	0.753	0.974	0.974	0.974	0.974	0.928	0.574	0.232
2	0.331	0.331	0.331	0.487	0.762	0.974	0.974	0.974	0.974	0.916	0.563	0.221
3	0.331	0.331	0.331	0.496	0.772	0.974	0.974	0.974	0.974	0.905	0.551	0.209
4	0.331	0.331	0.331	0.505	0.781	0.974	0.974	0.974	0.974	0.894	0.540	0.198
5	0.331	0.331	0.331	0.514	0.790	0.974	0.974	0.974	0.974	0.882	0.529	0.186
6	0.331	0.331	0.331	0.524	0.799	0.974	0.974	0.974	0.974	0.871	0.517	0.175
7	0.331	0.331	0.331	0.533	0.808	0.974	0.974	0.974	0.974	0.859	0.506	0.200
8	0.331	0.331	0.331	0.542	0.817	0.974	0.974	0.974	0.974	0.848	0.494	0.200
9	0.331	0.331	0.331	0.551	0.827	0.974	0.974	0.974	0.974	0.837	0.483	0.200
10	0.331	0.331	0.331	0.560	0.836	0.974	0.974	0.974	0.974	0.825	0.472	0.200
11	0.331	0.331	0.331	0.570	0.845	0.974	0.974	0.974	0.974	0.814	0.460	0.200
12	0.331	0.331	0.331	0.579	0.854	0.974	0.974	0.974	0.974	0.802	0.449	0.200
13	0.331	0.331	0.331	0.588	0.863	0.974	0.974	0.974	0.974	0.791	0.437	0.200
14	0.331	0.331	0.331	0.597	0.873	0.974	0.974	0.974	0.974	0.780	0.426	0.200
15	0.331	0.331	0.331	0.606	0.882	0.974	0.974	0.974	0.974	0.768	0.415	0.200
16	0.331	0.331	0.331	0.615	0.891	0.974	0.974	0.974	0.974	0.757	0.403	0.200
17	0.331	0.331	0.340	0.625	0.900	0.974	0.974	0.974	0.974	0.745	0.392	0.200
18	0.331	0.331	0.349	0.634	0.909	0.974	0.974	0.974	0.974	0.734	0.380	0.200
19	0.331	0.331	0.358	0.643	0.918	0.974	0.974	0.974	0.974	0.723	0.369	0.200
20	0.331	0.331	0.368	0.652	0.928	0.974	0.974	0.974	0.974	0.711	0.358	0.200
21	0.331	0.331	0.377	0.661	0.937	0.974	0.974	0.974	0.974	0.700	0.346	0.200
22	0.331	0.331	0.386	0.671	0.946	0.974	0.974	0.974	0.974	0.688	0.335	0.200
23	0.331	0.331	0.395	0.680	0.955	0.974	0.974	0.974	0.974	0.677	0.323	0.200
24	0.331	0.331	0.404	0.689	0.964	0.974	0.974	0.974	0.974	0.666	0.312	0.200
25	0.331	0.331	0.413	0.698	0.974	0.974	0.974	0.974	0.974	0.654	0.300	0.200
26	0.331	0.331	0.423	0.707	0.974	0.974	0.974	0.974	0.974	0.643	0.289	0.200
27	0.331	0.331	0.432	0.716	0.974	0.974	0.974	0.974	0.974	0.631	0.278	0.200
28	0.331	0.331	0.441	0.726	0.974	0.974	0.974	0.974	0.962	0.620	0.266	0.200
29	0.331		0.450	0.735	0.974	0.974	0.974	0.974	0.951	0.608	0.255	0.200
30	0.331		0.459	0.744	0.974	0.974	0.974	0.974	0.939	0.597	0.243	0.200
31	0.331		0.469		0.974		0.974	0.974		0.586		0.200

Yuma Area ET-Rate Table			Sheet AJ: Page 1 of 2		2003	PHREATOPHYTE ET								
(Sheet to calculate ET for Phreatophyte area classified Sc-high [61-100% salt cedar & <= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55		64.74
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.03	0.04	0.04	0.14	0.21	0.31	0.39	0.31	0.31	0.21	0.08	0.02		
2	0.05	0.05	0.05	0.15	0.22	0.35	0.38	0.31	0.26	0.23	0.07	0.02		
3	0.04	0.05	0.03	0.14	0.25	0.38	0.39	0.34	0.34	0.21	0.10	0.02		
4	0.04	0.03	0.04	0.13	0.24	0.36	0.38	0.32	0.34	0.17	0.05	0.02		
5	0.04	0.05	0.04	0.14	0.22	0.37	0.42	0.34	0.30	0.17	0.05	0.02		
6	0.06	0.03	0.04	0.10	0.24	0.36	0.41	0.25	0.33	0.17	0.06	0.01		
7	0.05	0.05	0.05	0.14	0.27	0.37	0.41	0.37	0.32	0.17	0.04	0.01		
8	0.02	0.04	0.05	0.19	0.27	0.44	0.37	0.38	0.33	0.18	0.06	0.02		
9	0.02	0.03	0.06	0.16	0.26	0.44	0.35	0.35	0.30	0.22	0.05	0.02		
10	0.02	0.04	0.06	0.16	0.22	0.35	0.42	0.33	0.25	0.19	0.04	0.01		
11	0.03	0.04	0.06	0.15	0.24	0.35	0.42	0.34	0.26	0.15	0.05	0.02		
12	0.03	0.01	0.06	0.15	0.24	0.33	0.35	0.35	0.26	0.14	0.01	0.01		
13	0.03	0.01	0.06	0.16	0.23	0.32	0.35	0.34	0.26	0.15	0.03	0.01		
14	0.03	0.03	0.07	0.17	0.23	0.32	0.37	0.25	0.27	0.14	0.04	0.01		
15	0.04	0.03	0.04	0.17	0.26	0.38	0.37	0.24	0.30	0.15	0.03	0.02		
16	0.05	0.03	0.07	0.15	0.26	0.36	0.43	0.25	0.26	0.14	0.04	0.03		
17	0.05	0.03	0.08	0.17	0.31	0.32	0.39	0.30	0.30	0.14	0.03	0.03		
18	0.04	0.04	0.09	0.18	0.34	0.42	0.34	0.43	0.26	0.17	0.04	0.02		
19	0.03	0.04	0.10	0.16	0.30	0.42	0.33	0.34	0.26	0.15	0.05	0.02		
20	0.03	0.05	0.09	0.17	0.31	0.32	0.34	0.19	0.24	0.14	0.03	0.01		
21	0.02	0.06	0.11	0.19	0.32	0.36	0.34	0.27	0.25	0.15	0.03	0.02		
22	0.03	0.04	0.08	0.22	0.35	0.32	0.39	0.24	0.27	0.15	0.06	0.02		
23	0.03	0.04	0.09	0.16	0.32	0.33	0.34	0.31	0.20	0.14	0.04	0.02		
24	0.04	0.04	0.11	0.17	0.33	0.30	0.39	0.24	0.19	0.12	0.03	0.01		
25	0.05	0.03	0.11	0.19	0.33	0.31	0.35	0.27	0.21	0.19	0.03	0.02		
26	0.05	0.03	0.11	0.21	0.31	0.31	0.32	0.30	0.22	0.16	0.02	0.03		
27	0.04	0.03	0.14	0.22	0.31	0.35	0.38	0.25	0.25	0.11	0.04	0.02		
28	0.03	0.04	0.16	0.24	0.35	0.38	0.18	0.27	0.23	0.10	0.04	0.02		
29	0.04		0.14	0.26	0.41	0.41	0.33	0.32	0.22	0.11	0.03	0.01		
30	0.04		0.13	0.22	0.41	0.39	0.31	0.31	0.23	0.09	0.02	0.01		
31	0.05		0.12		0.34		0.30	0.29		0.10		0.01		

(Daily Kc values)		Sheet AJ: Page 2 of 2			2003	PHREATOPHYTE ET						
Sc-high												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.596	0.903	1.097	1.097	1.097	1.097	1.044	0.636	0.241
2	0.331	0.331	0.331	0.606	0.913	1.097	1.097	1.097	1.097	1.031	0.623	0.228
3	0.331	0.331	0.331	0.617	0.923	1.097	1.097	1.097	1.097	1.018	0.609	0.214
4	0.331	0.331	0.331	0.627	0.933	1.097	1.097	1.097	1.097	1.004	0.596	0.201
5	0.331	0.331	0.331	0.637	0.943	1.097	1.097	1.097	1.097	0.991	0.583	0.188
6	0.331	0.331	0.331	0.647	0.954	1.097	1.097	1.097	1.097	0.978	0.570	0.175
7	0.331	0.331	0.341	0.658	0.964	1.097	1.097	1.097	1.097	0.965	0.557	0.200
8	0.331	0.331	0.351	0.668	0.974	1.097	1.097	1.097	1.097	0.952	0.544	0.200
9	0.331	0.331	0.361	0.678	0.984	1.097	1.097	1.097	1.097	0.939	0.530	0.200
10	0.331	0.331	0.372	0.688	0.994	1.097	1.097	1.097	1.097	0.925	0.517	0.200
11	0.331	0.331	0.382	0.698	1.005	1.097	1.097	1.097	1.097	0.912	0.504	0.200
12	0.331	0.331	0.392	0.709	1.015	1.097	1.097	1.097	1.097	0.899	0.491	0.200
13	0.331	0.331	0.402	0.719	1.025	1.097	1.097	1.097	1.097	0.886	0.478	0.200
14	0.331	0.331	0.412	0.729	1.035	1.097	1.097	1.097	1.097	0.873	0.465	0.200
15	0.331	0.331	0.423	0.739	1.046	1.097	1.097	1.097	1.097	0.860	0.451	0.200
16	0.331	0.331	0.433	0.749	1.056	1.097	1.097	1.097	1.097	0.846	0.438	0.200
17	0.331	0.331	0.443	0.760	1.066	1.097	1.097	1.097	1.097	0.833	0.425	0.200
18	0.331	0.331	0.453	0.770	1.076	1.097	1.097	1.097	1.097	0.820	0.412	0.200
19	0.331	0.331	0.464	0.780	1.086	1.097	1.097	1.097	1.097	0.807	0.399	0.200
20	0.331	0.331	0.474	0.790	1.097	1.097	1.097	1.097	1.097	0.794	0.386	0.200
21	0.331	0.331	0.484	0.800	1.097	1.097	1.097	1.097	1.097	0.781	0.372	0.200
22	0.331	0.331	0.494	0.811	1.097	1.097	1.097	1.097	1.097	0.767	0.359	0.200
23	0.331	0.331	0.504	0.821	1.097	1.097	1.097	1.097	1.097	0.754	0.346	0.200
24	0.331	0.331	0.515	0.831	1.097	1.097	1.097	1.097	1.097	0.741	0.333	0.200
25	0.331	0.331	0.525	0.841	1.097	1.097	1.097	1.097	1.097	0.728	0.320	0.200
26	0.331	0.331	0.535	0.852	1.097	1.097	1.097	1.097	1.097	0.715	0.307	0.200
27	0.331	0.331	0.545	0.862	1.097	1.097	1.097	1.097	1.097	0.702	0.293	0.200
28	0.331	0.331	0.555	0.872	1.097	1.097	1.097	1.097	1.083	0.688	0.280	0.200
29	0.331		0.566	0.882	1.097	1.097	1.097	1.097	1.070	0.675	0.267	0.200
30	0.331		0.576	0.892	1.097	1.097	1.097	1.097	1.057	0.662	0.254	0.200
31	0.331		0.586		1.097		1.097	1.097		0.649		0.200

Yuma Area ET-Rate Table			Sheet AK: Page 1 of 2		2003	PHREATOPHYTE ET								
(Sheet to calculate ET for Phreatophyte area classified Sc/ms [11-60% salt cedar & 11-60% mesquite & <= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55		68.49
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.03	0.04	0.04	0.14	0.22	0.33	0.42	0.33	0.33	0.22	0.09	0.02		
2	0.05	0.05	0.05	0.16	0.23	0.37	0.41	0.33	0.28	0.24	0.08	0.02		
3	0.04	0.05	0.03	0.14	0.26	0.41	0.42	0.36	0.36	0.23	0.10	0.02		
4	0.04	0.03	0.04	0.13	0.26	0.39	0.41	0.34	0.36	0.18	0.06	0.02		
5	0.04	0.05	0.04	0.15	0.23	0.40	0.44	0.36	0.32	0.18	0.05	0.02		
6	0.06	0.03	0.04	0.11	0.25	0.39	0.43	0.27	0.35	0.18	0.06	0.01		
7	0.05	0.05	0.05	0.15	0.29	0.40	0.43	0.40	0.34	0.18	0.04	0.01		
8	0.02	0.04	0.05	0.20	0.29	0.47	0.40	0.41	0.35	0.19	0.06	0.02		
9	0.02	0.03	0.06	0.17	0.27	0.47	0.37	0.37	0.32	0.23	0.06	0.02		
10	0.02	0.04	0.06	0.17	0.23	0.37	0.44	0.35	0.27	0.20	0.04	0.01		
11	0.03	0.04	0.06	0.15	0.26	0.37	0.44	0.36	0.28	0.15	0.05	0.02		
12	0.03	0.01	0.06	0.16	0.26	0.35	0.37	0.37	0.28	0.15	0.01	0.01		
13	0.03	0.01	0.06	0.17	0.24	0.34	0.37	0.36	0.28	0.16	0.04	0.01		
14	0.03	0.03	0.08	0.18	0.24	0.34	0.40	0.27	0.29	0.15	0.04	0.01		
15	0.04	0.03	0.04	0.18	0.28	0.41	0.40	0.26	0.32	0.16	0.03	0.02		
16	0.05	0.03	0.07	0.16	0.28	0.39	0.46	0.27	0.28	0.14	0.04	0.03		
17	0.05	0.03	0.08	0.18	0.33	0.34	0.42	0.32	0.32	0.15	0.03	0.03		
18	0.04	0.04	0.09	0.19	0.37	0.44	0.36	0.46	0.28	0.18	0.04	0.02		
19	0.03	0.04	0.10	0.17	0.32	0.44	0.35	0.36	0.28	0.16	0.05	0.02		
20	0.03	0.05	0.09	0.17	0.33	0.34	0.36	0.20	0.26	0.15	0.04	0.01		
21	0.02	0.06	0.11	0.20	0.34	0.39	0.36	0.29	0.27	0.16	0.03	0.02		
22	0.03	0.04	0.08	0.23	0.37	0.34	0.42	0.26	0.29	0.16	0.06	0.02		
23	0.03	0.04	0.09	0.16	0.34	0.35	0.36	0.33	0.21	0.14	0.05	0.02		
24	0.04	0.04	0.11	0.18	0.35	0.32	0.42	0.26	0.20	0.13	0.03	0.01		
25	0.05	0.03	0.11	0.20	0.35	0.33	0.37	0.29	0.22	0.20	0.03	0.02		
26	0.05	0.03	0.11	0.22	0.33	0.33	0.34	0.32	0.23	0.17	0.03	0.03		
27	0.04	0.03	0.14	0.24	0.33	0.37	0.41	0.27	0.27	0.12	0.05	0.02		
28	0.03	0.04	0.17	0.26	0.37	0.41	0.19	0.29	0.24	0.10	0.05	0.02		
29	0.04		0.14	0.27	0.43	0.43	0.35	0.34	0.24	0.12	0.03	0.01		
30	0.04		0.14	0.24	0.43	0.42	0.33	0.33	0.25	0.09	0.02	0.01		
31	0.05		0.12		0.36		0.32	0.30		0.10		0.01		

(Daily Kc values)		Sheet AK: Page 2 of 2			2003	PHREATOPHYTE ET						
Sc/ms												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.621	0.955	1.167	1.167	1.167	1.167	1.110	0.671	0.246
2	0.331	0.331	0.331	0.632	0.966	1.167	1.167	1.167	1.167	1.096	0.657	0.232
3	0.331	0.331	0.331	0.643	0.977	1.167	1.167	1.167	1.167	1.082	0.642	0.217
4	0.331	0.331	0.331	0.654	0.988	1.167	1.167	1.167	1.167	1.067	0.628	0.203
5	0.331	0.331	0.331	0.665	0.999	1.167	1.167	1.167	1.167	1.053	0.614	0.189
6	0.331	0.331	0.331	0.676	1.011	1.167	1.167	1.167	1.167	1.039	0.600	0.175
7	0.331	0.331	0.342	0.687	1.022	1.167	1.167	1.167	1.167	1.025	0.586	0.200
8	0.331	0.331	0.353	0.699	1.033	1.167	1.167	1.167	1.167	1.011	0.572	0.200
9	0.331	0.331	0.364	0.710	1.044	1.167	1.167	1.167	1.167	0.997	0.557	0.200
10	0.331	0.331	0.375	0.721	1.055	1.167	1.167	1.167	1.167	0.982	0.543	0.200
11	0.331	0.331	0.386	0.732	1.066	1.167	1.167	1.167	1.167	0.968	0.529	0.200
12	0.331	0.331	0.398	0.743	1.077	1.167	1.167	1.167	1.167	0.954	0.515	0.200
13	0.331	0.331	0.409	0.754	1.089	1.167	1.167	1.167	1.167	0.940	0.501	0.200
14	0.331	0.331	0.420	0.765	1.100	1.167	1.167	1.167	1.167	0.926	0.487	0.200
15	0.331	0.331	0.431	0.777	1.111	1.167	1.167	1.167	1.167	0.912	0.472	0.200
16	0.331	0.331	0.442	0.788	1.122	1.167	1.167	1.167	1.167	0.897	0.458	0.200
17	0.331	0.331	0.453	0.799	1.133	1.167	1.167	1.167	1.167	0.883	0.444	0.200
18	0.331	0.331	0.465	0.810	1.144	1.167	1.167	1.167	1.167	0.869	0.430	0.200
19	0.331	0.331	0.476	0.821	1.155	1.167	1.167	1.167	1.167	0.855	0.416	0.200
20	0.331	0.331	0.487	0.832	1.167	1.167	1.167	1.167	1.167	0.841	0.402	0.200
21	0.331	0.331	0.498	0.843	1.167	1.167	1.167	1.167	1.167	0.827	0.387	0.200
22	0.331	0.331	0.509	0.855	1.167	1.167	1.167	1.167	1.167	0.812	0.373	0.200
23	0.331	0.331	0.520	0.866	1.167	1.167	1.167	1.167	1.167	0.798	0.359	0.200
24	0.331	0.331	0.531	0.877	1.167	1.167	1.167	1.167	1.167	0.784	0.345	0.200
25	0.331	0.331	0.543	0.888	1.167	1.167	1.167	1.167	1.167	0.770	0.331	0.200
26	0.331	0.331	0.554	0.899	1.167	1.167	1.167	1.167	1.167	0.756	0.317	0.200
27	0.331	0.331	0.565	0.910	1.167	1.167	1.167	1.167	1.167	0.742	0.302	0.200
28	0.331	0.331	0.576	0.921	1.167	1.167	1.167	1.167	1.152	0.727	0.288	0.200
29	0.331		0.587	0.933	1.167	1.167	1.167	1.167	1.138	0.713	0.274	0.200
30	0.331		0.598	0.944	1.167	1.167	1.167	1.167	1.124	0.699	0.260	0.200
31	0.331		0.609		1.167		1.167	1.167		0.685		0.200

Yuma Area ET-Rate Table			Sheet AL: Page 1 of 2		2003	PHREATOPHYTE ET								
(Sheet to calculate ET for Phreatophyte area classified Sc/aw [<= 75% salt cedar & >= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55		66.46
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.03	0.04	0.04	0.14	0.21	0.32	0.41	0.32	0.32	0.21	0.08	0.02		
2	0.05	0.05	0.05	0.15	0.22	0.36	0.40	0.32	0.27	0.23	0.08	0.02		
3	0.04	0.05	0.03	0.14	0.26	0.40	0.41	0.35	0.35	0.22	0.10	0.02		
4	0.04	0.03	0.04	0.13	0.25	0.37	0.40	0.33	0.35	0.18	0.05	0.02		
5	0.04	0.05	0.04	0.14	0.22	0.38	0.43	0.35	0.30	0.17	0.05	0.02		
6	0.06	0.03	0.04	0.11	0.25	0.37	0.42	0.26	0.34	0.17	0.06	0.01		
7	0.05	0.05	0.05	0.15	0.28	0.38	0.42	0.38	0.33	0.18	0.04	0.01		
8	0.02	0.04	0.05	0.19	0.28	0.45	0.38	0.40	0.34	0.19	0.06	0.02		
9	0.02	0.03	0.06	0.17	0.26	0.45	0.36	0.36	0.30	0.22	0.05	0.02		
10	0.02	0.04	0.06	0.16	0.23	0.36	0.43	0.34	0.26	0.19	0.04	0.01		
11	0.03	0.04	0.06	0.15	0.25	0.36	0.43	0.35	0.27	0.15	0.05	0.02		
12	0.03	0.01	0.06	0.15	0.25	0.34	0.36	0.36	0.27	0.15	0.01	0.01		
13	0.03	0.01	0.06	0.16	0.23	0.33	0.36	0.35	0.27	0.15	0.03	0.01		
14	0.03	0.03	0.07	0.17	0.23	0.33	0.38	0.26	0.28	0.14	0.04	0.01		
15	0.04	0.03	0.04	0.17	0.27	0.40	0.38	0.25	0.30	0.15	0.03	0.02		
16	0.05	0.03	0.07	0.15	0.27	0.37	0.44	0.26	0.27	0.14	0.04	0.03		
17	0.05	0.03	0.08	0.18	0.32	0.33	0.41	0.30	0.30	0.15	0.03	0.03		
18	0.04	0.04	0.09	0.18	0.35	0.43	0.35	0.44	0.27	0.18	0.04	0.02		
19	0.03	0.04	0.10	0.17	0.31	0.43	0.34	0.35	0.27	0.16	0.05	0.02		
20	0.03	0.05	0.09	0.17	0.32	0.33	0.35	0.19	0.25	0.15	0.04	0.01		
21	0.02	0.06	0.11	0.20	0.33	0.37	0.35	0.28	0.26	0.15	0.03	0.02		
22	0.03	0.04	0.08	0.22	0.36	0.33	0.41	0.25	0.28	0.16	0.06	0.02		
23	0.03	0.04	0.09	0.16	0.33	0.34	0.35	0.32	0.20	0.14	0.05	0.02		
24	0.04	0.04	0.11	0.17	0.34	0.30	0.41	0.25	0.19	0.12	0.03	0.01		
25	0.05	0.03	0.11	0.20	0.34	0.32	0.36	0.28	0.21	0.19	0.03	0.02		
26	0.05	0.03	0.11	0.22	0.32	0.32	0.33	0.30	0.23	0.16	0.02	0.03		
27	0.04	0.03	0.14	0.23	0.32	0.36	0.40	0.26	0.26	0.12	0.04	0.02		
28	0.03	0.04	0.16	0.25	0.36	0.40	0.18	0.28	0.23	0.10	0.05	0.02		
29	0.04		0.14	0.26	0.42	0.42	0.34	0.33	0.23	0.12	0.03	0.01		
30	0.04		0.13	0.23	0.42	0.41	0.32	0.32	0.24	0.09	0.02	0.01		
31	0.05		0.12		0.35		0.30	0.29		0.10		0.01		

(Daily Kc values)		Sheet AL: Page 2 of 2			2003	PHREATOPHYTE ET						
Sc/aw												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.607	0.927	1.129	1.129	1.129	1.129	1.074	0.652	0.243
2	0.331	0.331	0.331	0.618	0.937	1.129	1.129	1.129	1.129	1.061	0.638	0.230
3	0.331	0.331	0.331	0.629	0.948	1.129	1.129	1.129	1.129	1.047	0.625	0.216
4	0.331	0.331	0.331	0.639	0.959	1.129	1.129	1.129	1.129	1.034	0.611	0.202
5	0.331	0.331	0.331	0.650	0.969	1.129	1.129	1.129	1.129	1.020	0.597	0.189
6	0.331	0.331	0.331	0.661	0.980	1.129	1.129	1.129	1.129	1.006	0.584	0.175
7	0.331	0.331	0.341	0.671	0.991	1.129	1.129	1.129	1.129	0.993	0.570	0.200
8	0.331	0.331	0.352	0.682	1.001	1.129	1.129	1.129	1.129	0.979	0.557	0.200
9	0.331	0.331	0.363	0.693	1.012	1.129	1.129	1.129	1.129	0.965	0.543	0.200
10	0.331	0.331	0.373	0.703	1.023	1.129	1.129	1.129	1.129	0.952	0.529	0.200
11	0.331	0.331	0.384	0.714	1.033	1.129	1.129	1.129	1.129	0.938	0.516	0.200
12	0.331	0.331	0.395	0.725	1.044	1.129	1.129	1.129	1.129	0.925	0.502	0.200
13	0.331	0.331	0.405	0.735	1.055	1.129	1.129	1.129	1.129	0.911	0.488	0.200
14	0.331	0.331	0.416	0.746	1.065	1.129	1.129	1.129	1.129	0.897	0.475	0.200
15	0.331	0.331	0.427	0.757	1.076	1.129	1.129	1.129	1.129	0.884	0.461	0.200
16	0.331	0.331	0.437	0.767	1.086	1.129	1.129	1.129	1.129	0.870	0.448	0.200
17	0.331	0.331	0.448	0.778	1.097	1.129	1.129	1.129	1.129	0.856	0.434	0.200
18	0.331	0.331	0.458	0.788	1.108	1.129	1.129	1.129	1.129	0.843	0.420	0.200
19	0.331	0.331	0.469	0.799	1.118	1.129	1.129	1.129	1.129	0.829	0.407	0.200
20	0.331	0.331	0.480	0.810	1.129	1.129	1.129	1.129	1.129	0.816	0.393	0.200
21	0.331	0.331	0.490	0.820	1.129	1.129	1.129	1.129	1.129	0.802	0.379	0.200
22	0.331	0.331	0.501	0.831	1.129	1.129	1.129	1.129	1.129	0.788	0.366	0.200
23	0.331	0.331	0.512	0.842	1.129	1.129	1.129	1.129	1.129	0.775	0.352	0.200
24	0.331	0.331	0.522	0.852	1.129	1.129	1.129	1.129	1.129	0.761	0.339	0.200
25	0.331	0.331	0.533	0.863	1.129	1.129	1.129	1.129	1.129	0.747	0.325	0.200
26	0.331	0.331	0.544	0.874	1.129	1.129	1.129	1.129	1.129	0.734	0.311	0.200
27	0.331	0.331	0.554	0.884	1.129	1.129	1.129	1.129	1.129	0.720	0.298	0.200
28	0.331	0.331	0.565	0.895	1.129	1.129	1.129	1.129	1.115	0.707	0.284	0.200
29	0.331		0.576	0.906	1.129	1.129	1.129	1.129	1.102	0.693	0.270	0.200
30	0.331		0.586	0.916	1.129	1.129	1.129	1.129	1.088	0.679	0.257	0.200
31	0.331		0.597		1.129		1.129	1.129		0.666		0.200

Yuma Area ET-Rate Table			Sheet AM: Page 1 of 2		2003	PHREATOPHYTE ET								
(Sheet to calculate ET for Phreatophyte area classified Sc/ms/aw [15-45% salt cedar & 15-45% mesquite & 20-40% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59		69.50
(Daily ET values)														
(ETo X Kc)														
Date														
1	0.03	0.04	0.04	0.15	0.22	0.32	0.42	0.32	0.32	0.23	0.10	0.03		
2	0.05	0.05	0.05	0.17	0.23	0.37	0.41	0.32	0.28	0.25	0.09	0.03		
3	0.04	0.05	0.03	0.15	0.27	0.41	0.42	0.36	0.36	0.24	0.12	0.03		
4	0.04	0.03	0.04	0.14	0.26	0.38	0.41	0.34	0.36	0.20	0.07	0.03		
5	0.04	0.05	0.05	0.15	0.23	0.39	0.44	0.36	0.31	0.20	0.06	0.03		
6	0.06	0.03	0.05	0.11	0.25	0.38	0.43	0.27	0.35	0.20	0.07	0.02		
7	0.05	0.05	0.06	0.16	0.29	0.39	0.43	0.39	0.34	0.21	0.05	0.01		
8	0.02	0.04	0.05	0.20	0.29	0.46	0.39	0.41	0.35	0.22	0.07	0.02		
9	0.02	0.03	0.07	0.18	0.27	0.46	0.37	0.37	0.31	0.26	0.07	0.02		
10	0.02	0.04	0.07	0.17	0.23	0.37	0.44	0.35	0.27	0.22	0.05	0.01		
11	0.03	0.04	0.07	0.16	0.26	0.37	0.44	0.36	0.28	0.18	0.06	0.01		
12	0.03	0.01	0.07	0.16	0.26	0.35	0.37	0.37	0.28	0.17	0.01	0.01		
13	0.03	0.01	0.07	0.17	0.24	0.34	0.37	0.36	0.28	0.18	0.04	0.01		
14	0.03	0.03	0.08	0.18	0.24	0.34	0.39	0.27	0.29	0.17	0.05	0.01		
15	0.04	0.03	0.04	0.18	0.28	0.41	0.39	0.25	0.31	0.18	0.04	0.02		
16	0.05	0.03	0.08	0.16	0.28	0.38	0.45	0.27	0.28	0.16	0.05	0.03		
17	0.05	0.03	0.09	0.19	0.33	0.34	0.42	0.31	0.31	0.17	0.04	0.03		
18	0.04	0.04	0.10	0.19	0.36	0.44	0.36	0.45	0.28	0.21	0.05	0.02		
19	0.03	0.04	0.11	0.18	0.32	0.44	0.35	0.36	0.28	0.19	0.06	0.02		
20	0.03	0.05	0.09	0.18	0.32	0.34	0.36	0.20	0.25	0.17	0.04	0.01		
21	0.02	0.06	0.12	0.21	0.34	0.38	0.36	0.29	0.27	0.18	0.04	0.02		
22	0.03	0.04	0.09	0.23	0.37	0.34	0.42	0.25	0.29	0.19	0.07	0.02		
23	0.03	0.04	0.10	0.17	0.34	0.35	0.36	0.32	0.21	0.17	0.06	0.02		
24	0.04	0.04	0.12	0.18	0.35	0.31	0.42	0.25	0.20	0.14	0.04	0.01		
25	0.05	0.03	0.12	0.21	0.35	0.32	0.37	0.29	0.22	0.23	0.03	0.02		
26	0.05	0.03	0.12	0.23	0.32	0.32	0.34	0.31	0.23	0.19	0.03	0.03		
27	0.04	0.03	0.15	0.24	0.32	0.37	0.41	0.27	0.27	0.14	0.06	0.02		
28	0.03	0.04	0.18	0.26	0.37	0.41	0.19	0.29	0.24	0.12	0.06	0.02		
29	0.04		0.15	0.27	0.43	0.43	0.35	0.34	0.24	0.14	0.04	0.01		
30	0.04		0.15	0.24	0.43	0.42	0.32	0.32	0.25	0.11	0.03	0.01		
31	0.05		0.13		0.36		0.31	0.30		0.12		0.01		

(Daily Kc values)		Sheet AM: Page 2 of 2			2003	PHREATOPHYTE ET						
Sc/ms/aw												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.652	0.962	1.159	1.159	1.159	1.159	1.159	0.781	0.326
2	0.331	0.331	0.341	0.662	0.973	1.159	1.159	1.159	1.159	1.159	0.765	0.311
3	0.331	0.331	0.351	0.672	0.983	1.159	1.159	1.159	1.159	1.159	0.750	0.296
4	0.331	0.331	0.362	0.683	0.993	1.159	1.159	1.159	1.159	1.159	0.735	0.281
5	0.331	0.331	0.372	0.693	1.004	1.159	1.159	1.159	1.159	1.159	0.720	0.266
6	0.331	0.331	0.383	0.703	1.014	1.159	1.159	1.159	1.159	1.159	0.705	0.251
7	0.331	0.331	0.393	0.714	1.024	1.159	1.159	1.159	1.159	1.159	0.690	0.236
8	0.331	0.331	0.403	0.724	1.035	1.159	1.159	1.159	1.159	1.144	0.675	0.220
9	0.331	0.331	0.414	0.735	1.045	1.159	1.159	1.159	1.159	1.129	0.659	0.205
10	0.331	0.331	0.424	0.745	1.055	1.159	1.159	1.159	1.159	1.114	0.644	0.190
11	0.331	0.331	0.434	0.755	1.066	1.159	1.159	1.159	1.159	1.098	0.629	0.175
12	0.331	0.331	0.445	0.766	1.076	1.159	1.159	1.159	1.159	1.083	0.614	0.200
13	0.331	0.331	0.455	0.776	1.087	1.159	1.159	1.159	1.159	1.068	0.599	0.200
14	0.331	0.331	0.465	0.786	1.097	1.159	1.159	1.159	1.159	1.053	0.584	0.200
15	0.331	0.331	0.476	0.797	1.107	1.159	1.159	1.159	1.159	1.038	0.569	0.200
16	0.331	0.331	0.486	0.807	1.118	1.159	1.159	1.159	1.159	1.023	0.553	0.200
17	0.331	0.331	0.496	0.817	1.128	1.159	1.159	1.159	1.159	1.008	0.538	0.200
18	0.331	0.331	0.507	0.828	1.138	1.159	1.159	1.159	1.159	0.992	0.523	0.200
19	0.331	0.331	0.517	0.838	1.149	1.159	1.159	1.159	1.159	0.977	0.508	0.200
20	0.331	0.331	0.527	0.848	1.159	1.159	1.159	1.159	1.159	0.962	0.493	0.200
21	0.331	0.331	0.538	0.859	1.159	1.159	1.159	1.159	1.159	0.947	0.478	0.200
22	0.331	0.331	0.548	0.869	1.159	1.159	1.159	1.159	1.159	0.932	0.463	0.200
23	0.331	0.331	0.559	0.879	1.159	1.159	1.159	1.159	1.159	0.917	0.447	0.200
24	0.331	0.331	0.569	0.890	1.159	1.159	1.159	1.159	1.159	0.902	0.432	0.200
25	0.331	0.331	0.579	0.900	1.159	1.159	1.159	1.159	1.159	0.887	0.417	0.200
26	0.331	0.331	0.590	0.911	1.159	1.159	1.159	1.159	1.159	0.871	0.402	0.200
27	0.331	0.331	0.600	0.921	1.159	1.159	1.159	1.159	1.159	0.856	0.387	0.200
28	0.331	0.331	0.610	0.931	1.159	1.159	1.159	1.159	1.159	0.841	0.372	0.200
29	0.331		0.621	0.942	1.159	1.159	1.159	1.159	1.159	0.826	0.357	0.200
30	0.331		0.631	0.952	1.159	1.159	1.159	1.159	1.159	0.811	0.342	0.200
31	0.331		0.641		1.159		1.159	1.159		0.796		0.200

Yuma Area ET-Rate Table			Sheet AN: Page 1 of 2		2003	PHREATOPHYTE ET								
(Sheet to calculate ET for Phreatophyte area classified Ms-low [11-60% screwbean/honey mesquite & <= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57		50.47
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.03	0.04	0.04	0.12	0.16	0.23	0.29	0.23	0.23	0.16	0.08	0.02		
2	0.05	0.05	0.05	0.13	0.17	0.26	0.28	0.23	0.19	0.18	0.07	0.02		
3	0.04	0.05	0.03	0.12	0.19	0.28	0.29	0.25	0.25	0.17	0.09	0.03		
4	0.04	0.03	0.04	0.11	0.19	0.27	0.28	0.23	0.25	0.14	0.05	0.02		
5	0.04	0.05	0.05	0.12	0.17	0.28	0.31	0.25	0.22	0.14	0.04	0.02		
6	0.06	0.03	0.04	0.09	0.18	0.27	0.30	0.19	0.24	0.14	0.05	0.02		
7	0.05	0.05	0.05	0.12	0.20	0.28	0.30	0.28	0.23	0.15	0.04	0.01		
8	0.02	0.04	0.05	0.16	0.21	0.32	0.28	0.28	0.24	0.15	0.06	0.02		
9	0.02	0.03	0.06	0.14	0.19	0.32	0.26	0.26	0.22	0.19	0.05	0.02		
10	0.02	0.04	0.07	0.13	0.16	0.26	0.31	0.24	0.19	0.16	0.04	0.01		
11	0.03	0.04	0.06	0.12	0.18	0.26	0.31	0.25	0.19	0.13	0.04	0.01		
12	0.03	0.01	0.06	0.12	0.18	0.24	0.26	0.26	0.19	0.13	0.01	0.01		
13	0.03	0.01	0.06	0.13	0.17	0.23	0.26	0.25	0.19	0.14	0.03	0.01		
14	0.03	0.03	0.07	0.14	0.17	0.23	0.28	0.19	0.20	0.13	0.04	0.01		
15	0.04	0.03	0.04	0.14	0.19	0.28	0.28	0.18	0.22	0.13	0.03	0.02		
16	0.05	0.03	0.07	0.12	0.20	0.27	0.32	0.19	0.19	0.12	0.04	0.03		
17	0.05	0.03	0.08	0.14	0.23	0.23	0.29	0.22	0.22	0.13	0.03	0.03		
18	0.04	0.04	0.09	0.14	0.26	0.31	0.25	0.32	0.19	0.16	0.04	0.02		
19	0.03	0.04	0.10	0.13	0.22	0.31	0.24	0.25	0.19	0.14	0.05	0.02		
20	0.03	0.05	0.08	0.13	0.23	0.23	0.25	0.14	0.18	0.13	0.04	0.01		
21	0.02	0.06	0.10	0.15	0.23	0.27	0.25	0.20	0.19	0.14	0.03	0.02		
22	0.03	0.04	0.07	0.17	0.26	0.23	0.29	0.18	0.20	0.14	0.06	0.02		
23	0.03	0.04	0.08	0.12	0.23	0.24	0.25	0.23	0.15	0.12	0.05	0.02		
24	0.04	0.04	0.10	0.13	0.24	0.22	0.29	0.18	0.14	0.11	0.03	0.01		
25	0.05	0.03	0.09	0.15	0.24	0.23	0.26	0.20	0.15	0.17	0.03	0.02		
26	0.05	0.03	0.10	0.17	0.23	0.23	0.23	0.22	0.16	0.15	0.03	0.03		
27	0.04	0.03	0.12	0.17	0.23	0.26	0.28	0.19	0.19	0.10	0.05	0.02		
28	0.03	0.04	0.14	0.19	0.26	0.28	0.13	0.20	0.17	0.09	0.05	0.02		
29	0.04		0.12	0.20	0.30	0.30	0.24	0.23	0.17	0.11	0.03	0.01		
30	0.04		0.12	0.17	0.30	0.29	0.23	0.23	0.18	0.08	0.03	0.01		
31	0.05		0.10		0.25		0.22	0.21		0.09		0.01		

(Daily Kc values)		Sheet AN: Page 2 of 2			2003	PHREATOPHYTE ET						
Ms-low												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.516	0.695	0.809	0.809	0.809	0.809	0.809	0.598	0.281
2	0.331	0.331	0.337	0.522	0.701	0.809	0.809	0.809	0.809	0.809	0.587	0.270
3	0.331	0.331	0.343	0.528	0.707	0.809	0.809	0.809	0.809	0.809	0.577	0.260
4	0.331	0.331	0.349	0.534	0.713	0.809	0.809	0.809	0.809	0.809	0.566	0.249
5	0.331	0.331	0.355	0.540	0.719	0.809	0.809	0.809	0.809	0.809	0.555	0.238
6	0.331	0.331	0.361	0.546	0.725	0.809	0.809	0.809	0.809	0.809	0.545	0.228
7	0.331	0.331	0.367	0.552	0.731	0.809	0.809	0.809	0.809	0.809	0.534	0.217
8	0.331	0.331	0.373	0.558	0.737	0.809	0.809	0.809	0.809	0.809	0.524	0.207
9	0.331	0.331	0.379	0.564	0.743	0.809	0.809	0.809	0.809	0.809	0.513	0.196
10	0.331	0.331	0.385	0.570	0.749	0.809	0.809	0.809	0.809	0.809	0.503	0.186
11	0.331	0.331	0.391	0.576	0.755	0.809	0.809	0.809	0.809	0.809	0.492	0.175
12	0.331	0.331	0.397	0.582	0.761	0.809	0.809	0.809	0.809	0.809	0.481	0.200
13	0.331	0.331	0.403	0.588	0.767	0.809	0.809	0.809	0.809	0.798	0.471	0.200
14	0.331	0.331	0.408	0.594	0.773	0.809	0.809	0.809	0.809	0.788	0.460	0.200
15	0.331	0.331	0.414	0.600	0.779	0.809	0.809	0.809	0.809	0.777	0.450	0.200
16	0.331	0.331	0.420	0.606	0.785	0.809	0.809	0.809	0.809	0.767	0.439	0.200
17	0.331	0.331	0.426	0.612	0.791	0.809	0.809	0.809	0.809	0.756	0.429	0.200
18	0.331	0.331	0.432	0.618	0.797	0.809	0.809	0.809	0.809	0.746	0.418	0.200
19	0.331	0.331	0.438	0.624	0.803	0.809	0.809	0.809	0.809	0.735	0.407	0.200
20	0.331	0.331	0.444	0.630	0.809	0.809	0.809	0.809	0.809	0.724	0.397	0.200
21	0.331	0.331	0.450	0.636	0.809	0.809	0.809	0.809	0.809	0.714	0.386	0.200
22	0.331	0.331	0.456	0.642	0.809	0.809	0.809	0.809	0.809	0.703	0.376	0.200
23	0.331	0.331	0.462	0.648	0.809	0.809	0.809	0.809	0.809	0.693	0.365	0.200
24	0.331	0.331	0.468	0.654	0.809	0.809	0.809	0.809	0.809	0.682	0.355	0.200
25	0.331	0.331	0.474	0.660	0.809	0.809	0.809	0.809	0.809	0.672	0.344	0.200
26	0.331	0.331	0.480	0.666	0.809	0.809	0.809	0.809	0.809	0.661	0.334	0.200
27	0.331	0.331	0.486	0.672	0.809	0.809	0.809	0.809	0.809	0.651	0.323	0.200
28	0.331	0.331	0.492	0.677	0.809	0.809	0.809	0.809	0.809	0.640	0.312	0.200
29	0.331		0.498	0.683	0.809	0.809	0.809	0.809	0.809	0.629	0.302	0.200
30	0.331		0.504	0.689	0.809	0.809	0.809	0.809	0.809	0.619	0.291	0.200
31	0.331		0.510		0.809		0.809	0.809		0.608		0.200

Yuma Area ET-Rate Table			Sheet AO: Page 1 of 2		2003	PHREATOPHYTE ET								
(Sheet to calculate ET for Phreatophyte area classified Ms-high [61-100% screwbean/honey mesquite & <= 25% arrowweed])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70		62.89
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.03	0.04	0.04	0.15	0.21	0.28	0.37	0.28	0.28	0.20	0.10	0.03		
2	0.05	0.05	0.05	0.16	0.23	0.33	0.36	0.28	0.24	0.22	0.09	0.03		
3	0.04	0.05	0.03	0.14	0.26	0.36	0.37	0.32	0.32	0.21	0.11	0.04		
4	0.04	0.03	0.04	0.13	0.25	0.34	0.36	0.29	0.32	0.17	0.06	0.04		
5	0.04	0.05	0.05	0.15	0.22	0.35	0.39	0.32	0.27	0.17	0.06	0.04		
6	0.06	0.03	0.05	0.11	0.24	0.34	0.38	0.23	0.31	0.17	0.07	0.03		
7	0.05	0.05	0.05	0.15	0.28	0.35	0.38	0.35	0.29	0.18	0.05	0.02		
8	0.02	0.04	0.05	0.20	0.28	0.41	0.35	0.36	0.31	0.19	0.07	0.04		
9	0.02	0.03	0.07	0.17	0.26	0.41	0.33	0.33	0.27	0.23	0.06	0.02		
10	0.02	0.04	0.07	0.17	0.22	0.33	0.39	0.31	0.23	0.20	0.05	0.02		
11	0.03	0.04	0.07	0.15	0.24	0.33	0.39	0.32	0.24	0.16	0.06	0.02		
12	0.03	0.01	0.07	0.16	0.24	0.31	0.33	0.33	0.24	0.15	0.01	0.02		
13	0.03	0.01	0.07	0.17	0.22	0.29	0.33	0.32	0.24	0.16	0.04	0.02		
14	0.03	0.03	0.08	0.18	0.22	0.29	0.35	0.23	0.25	0.15	0.05	0.02		
15	0.04	0.03	0.04	0.18	0.25	0.36	0.35	0.22	0.27	0.16	0.04	0.02		
16	0.05	0.03	0.08	0.16	0.25	0.34	0.40	0.23	0.24	0.15	0.05	0.03		
17	0.05	0.03	0.09	0.18	0.29	0.29	0.37	0.27	0.27	0.15	0.04	0.03		
18	0.04	0.04	0.10	0.18	0.33	0.39	0.32	0.40	0.24	0.19	0.05	0.02		
19	0.03	0.04	0.11	0.17	0.28	0.39	0.31	0.32	0.24	0.17	0.06	0.02		
20	0.03	0.05	0.09	0.17	0.28	0.29	0.32	0.17	0.22	0.16	0.05	0.01		
21	0.02	0.06	0.12	0.20	0.29	0.34	0.32	0.25	0.23	0.16	0.05	0.01		
22	0.03	0.04	0.09	0.23	0.33	0.29	0.37	0.22	0.25	0.17	0.08	0.02		
23	0.03	0.04	0.10	0.16	0.29	0.31	0.32	0.28	0.18	0.15	0.06	0.02		
24	0.04	0.04	0.12	0.17	0.31	0.27	0.37	0.22	0.17	0.13	0.04	0.01		
25	0.05	0.03	0.11	0.20	0.31	0.28	0.33	0.25	0.19	0.21	0.04	0.02		
26	0.05	0.03	0.12	0.22	0.28	0.28	0.29	0.27	0.20	0.18	0.04	0.03		
27	0.04	0.03	0.15	0.23	0.28	0.33	0.36	0.23	0.23	0.13	0.07	0.02		
28	0.03	0.04	0.17	0.25	0.33	0.36	0.16	0.25	0.21	0.11	0.07	0.02		
29	0.04		0.15	0.26	0.38	0.38	0.31	0.29	0.21	0.13	0.05	0.01		
30	0.04		0.14	0.23	0.38	0.37	0.28	0.28	0.22	0.10	0.04	0.01		
31	0.05		0.13		0.32		0.27	0.26		0.11		0.01		

(Daily Kc values)		Sheet AO: Page 2 of 2			2003	PHREATOPHYTE ET						
Ms-high												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.634	0.928	1.017	1.017	1.017	1.017	1.017	0.736	0.399
2	0.331	0.331	0.341	0.644	0.938	1.017	1.017	1.017	1.017	1.017	0.725	0.388
3	0.331	0.331	0.350	0.654	0.948	1.017	1.017	1.017	1.017	1.017	0.714	0.377
4	0.331	0.331	0.360	0.664	0.958	1.017	1.017	1.017	1.017	1.017	0.702	0.366
5	0.331	0.331	0.370	0.674	0.968	1.017	1.017	1.017	1.017	1.017	0.691	0.355
6	0.331	0.331	0.380	0.683	0.977	1.017	1.017	1.017	1.017	1.017	0.680	0.343
7	0.331	0.331	0.390	0.693	0.987	1.017	1.017	1.017	1.017	1.017	0.669	0.332
8	0.331	0.331	0.399	0.703	0.997	1.017	1.017	1.017	1.017	1.005	0.657	0.321
9	0.331	0.331	0.409	0.713	1.007	1.017	1.017	1.017	1.017	0.994	0.646	0.310
10	0.331	0.331	0.419	0.723	1.017	1.017	1.017	1.017	1.017	0.983	0.635	0.298
11	0.331	0.331	0.429	0.732	1.017	1.017	1.017	1.017	1.017	0.972	0.624	0.287
12	0.331	0.331	0.439	0.742	1.017	1.017	1.017	1.017	1.017	0.960	0.613	0.276
13	0.331	0.331	0.448	0.752	1.017	1.017	1.017	1.017	1.017	0.949	0.601	0.265
14	0.331	0.331	0.458	0.762	1.017	1.017	1.017	1.017	1.017	0.938	0.590	0.254
15	0.331	0.331	0.468	0.772	1.017	1.017	1.017	1.017	1.017	0.927	0.579	0.242
16	0.331	0.331	0.478	0.781	1.017	1.017	1.017	1.017	1.017	0.916	0.568	0.231
17	0.331	0.331	0.488	0.791	1.017	1.017	1.017	1.017	1.017	0.904	0.557	0.220
18	0.331	0.331	0.497	0.801	1.017	1.017	1.017	1.017	1.017	0.893	0.545	0.209
19	0.331	0.331	0.507	0.811	1.017	1.017	1.017	1.017	1.017	0.882	0.534	0.197
20	0.331	0.331	0.517	0.821	1.017	1.017	1.017	1.017	1.017	0.871	0.523	0.186
21	0.331	0.331	0.527	0.830	1.017	1.017	1.017	1.017	1.017	0.859	0.512	0.175
22	0.331	0.331	0.537	0.840	1.017	1.017	1.017	1.017	1.017	0.848	0.500	0.200
23	0.331	0.331	0.546	0.850	1.017	1.017	1.017	1.017	1.017	0.837	0.489	0.200
24	0.331	0.331	0.556	0.860	1.017	1.017	1.017	1.017	1.017	0.826	0.478	0.200
25	0.331	0.331	0.566	0.870	1.017	1.017	1.017	1.017	1.017	0.815	0.467	0.200
26	0.331	0.331	0.576	0.879	1.017	1.017	1.017	1.017	1.017	0.803	0.456	0.200
27	0.331	0.331	0.585	0.889	1.017	1.017	1.017	1.017	1.017	0.792	0.444	0.200
28	0.331	0.331	0.595	0.899	1.017	1.017	1.017	1.017	1.017	0.781	0.433	0.200
29	0.331		0.605	0.909	1.017	1.017	1.017	1.017	1.017	0.770	0.422	0.200
30	0.331		0.615	0.919	1.017	1.017	1.017	1.017	1.017	0.758	0.411	0.200
31	0.331		0.625		1.017		1.017	1.017		0.747		0.200

Yuma Area ET-Rate Table			Sheet AP: Page 1 of 2		2003	PHREATOPHYTE ET								
(Sheet to calculate ET for Phreatophyte area classified Ms/aw [21-60% mesquite & 31-60% arrowweed & <= 20% salt cedar])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62		60.15
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.03	0.04	0.04	0.14	0.20	0.27	0.35	0.27	0.27	0.19	0.09	0.03		
2	0.05	0.05	0.05	0.16	0.22	0.31	0.34	0.27	0.23	0.21	0.08	0.03		
3	0.04	0.05	0.03	0.14	0.25	0.34	0.35	0.30	0.30	0.20	0.11	0.03		
4	0.04	0.03	0.04	0.13	0.24	0.32	0.34	0.28	0.30	0.17	0.06	0.03		
5	0.04	0.05	0.05	0.14	0.21	0.33	0.37	0.30	0.26	0.17	0.05	0.03		
6	0.06	0.03	0.05	0.11	0.23	0.32	0.36	0.22	0.29	0.17	0.06	0.02		
7	0.05	0.05	0.05	0.15	0.26	0.33	0.36	0.33	0.28	0.17	0.04	0.02		
8	0.02	0.04	0.05	0.19	0.27	0.39	0.33	0.34	0.29	0.18	0.07	0.03		
9	0.02	0.03	0.06	0.17	0.25	0.39	0.31	0.31	0.26	0.22	0.06	0.02		
10	0.02	0.04	0.07	0.16	0.21	0.31	0.37	0.29	0.22	0.19	0.05	0.02		
11	0.03	0.04	0.07	0.15	0.23	0.31	0.37	0.30	0.23	0.15	0.05	0.02		
12	0.03	0.01	0.06	0.15	0.23	0.29	0.31	0.31	0.23	0.15	0.01	0.01		
13	0.03	0.01	0.07	0.16	0.21	0.28	0.31	0.30	0.23	0.15	0.04	0.01		
14	0.03	0.03	0.08	0.17	0.21	0.28	0.33	0.22	0.24	0.14	0.04	0.01		
15	0.04	0.03	0.04	0.17	0.24	0.34	0.33	0.21	0.26	0.15	0.04	0.02		
16	0.05	0.03	0.07	0.15	0.24	0.32	0.38	0.22	0.23	0.14	0.05	0.02		
17	0.05	0.03	0.09	0.18	0.28	0.28	0.35	0.26	0.26	0.15	0.04	0.03		
18	0.04	0.04	0.10	0.18	0.31	0.37	0.30	0.38	0.23	0.18	0.05	0.02		
19	0.03	0.04	0.11	0.16	0.27	0.37	0.29	0.30	0.23	0.16	0.06	0.02		
20	0.03	0.05	0.09	0.17	0.27	0.28	0.30	0.17	0.21	0.15	0.04	0.01		
21	0.02	0.06	0.11	0.19	0.28	0.32	0.30	0.24	0.22	0.15	0.04	0.02		
22	0.03	0.04	0.08	0.22	0.31	0.28	0.35	0.21	0.24	0.16	0.07	0.02		
23	0.03	0.04	0.10	0.16	0.28	0.29	0.30	0.27	0.17	0.14	0.06	0.02		
24	0.04	0.04	0.11	0.17	0.29	0.26	0.35	0.21	0.17	0.12	0.04	0.01		
25	0.05	0.03	0.11	0.19	0.29	0.27	0.31	0.24	0.18	0.20	0.03	0.02		
26	0.05	0.03	0.11	0.21	0.27	0.27	0.28	0.26	0.19	0.17	0.03	0.03		
27	0.04	0.03	0.14	0.22	0.27	0.31	0.34	0.22	0.22	0.12	0.06	0.02		
28	0.03	0.04	0.17	0.24	0.31	0.34	0.16	0.24	0.20	0.10	0.06	0.02		
29	0.04		0.14	0.25	0.36	0.36	0.29	0.28	0.20	0.12	0.04	0.01		
30	0.04		0.14	0.22	0.36	0.35	0.27	0.27	0.21	0.09	0.03	0.01		
31	0.05		0.12		0.30		0.26	0.25		0.10		0.01		

(Daily Kc values)		Sheet AP: Page 2 of 2P			2003	PHREATOPHYTE ET						
Ms/aw												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.615	0.889	0.972	0.972	0.972	0.972	0.972	0.687	0.346
2	0.331	0.331	0.340	0.624	0.899	0.972	0.972	0.972	0.972	0.972	0.676	0.334
3	0.331	0.331	0.349	0.633	0.908	0.972	0.972	0.972	0.972	0.972	0.665	0.323
4	0.331	0.331	0.358	0.642	0.917	0.972	0.972	0.972	0.972	0.972	0.653	0.312
5	0.331	0.331	0.367	0.651	0.926	0.972	0.972	0.972	0.972	0.972	0.642	0.300
6	0.331	0.331	0.377	0.661	0.935	0.972	0.972	0.972	0.972	0.972	0.630	0.289
7	0.331	0.331	0.386	0.670	0.944	0.972	0.972	0.972	0.972	0.972	0.619	0.277
8	0.331	0.331	0.395	0.679	0.954	0.972	0.972	0.972	0.972	0.961	0.608	0.266
9	0.331	0.331	0.404	0.688	0.963	0.972	0.972	0.972	0.972	0.949	0.596	0.255
10	0.331	0.331	0.413	0.697	0.972	0.972	0.972	0.972	0.972	0.938	0.585	0.243
11	0.331	0.331	0.422	0.706	0.972	0.972	0.972	0.972	0.972	0.926	0.573	0.232
12	0.331	0.331	0.432	0.715	0.972	0.972	0.972	0.972	0.972	0.915	0.562	0.221
13	0.331	0.331	0.441	0.725	0.972	0.972	0.972	0.972	0.972	0.904	0.551	0.209
14	0.331	0.331	0.450	0.734	0.972	0.972	0.972	0.972	0.972	0.892	0.539	0.198
15	0.331	0.331	0.459	0.743	0.972	0.972	0.972	0.972	0.972	0.881	0.528	0.186
16	0.331	0.331	0.468	0.752	0.972	0.972	0.972	0.972	0.972	0.869	0.517	0.175
17	0.331	0.331	0.477	0.761	0.972	0.972	0.972	0.972	0.972	0.858	0.505	0.200
18	0.331	0.331	0.486	0.770	0.972	0.972	0.972	0.972	0.972	0.847	0.494	0.200
19	0.331	0.331	0.496	0.780	0.972	0.972	0.972	0.972	0.972	0.835	0.482	0.200
20	0.331	0.331	0.505	0.789	0.972	0.972	0.972	0.972	0.972	0.824	0.471	0.200
21	0.331	0.331	0.514	0.798	0.972	0.972	0.972	0.972	0.972	0.813	0.460	0.200
22	0.331	0.331	0.523	0.807	0.972	0.972	0.972	0.972	0.972	0.801	0.448	0.200
23	0.331	0.331	0.532	0.816	0.972	0.972	0.972	0.972	0.972	0.790	0.437	0.200
24	0.331	0.331	0.541	0.825	0.972	0.972	0.972	0.972	0.972	0.778	0.425	0.200
25	0.331	0.331	0.551	0.835	0.972	0.972	0.972	0.972	0.972	0.767	0.414	0.200
26	0.331	0.331	0.560	0.844	0.972	0.972	0.972	0.972	0.972	0.756	0.403	0.200
27	0.331	0.331	0.569	0.853	0.972	0.972	0.972	0.972	0.972	0.744	0.391	0.200
28	0.331	0.331	0.578	0.862	0.972	0.972	0.972	0.972	0.972	0.733	0.380	0.200
29	0.331		0.587	0.871	0.972	0.972	0.972	0.972	0.972	0.721	0.369	0.200
30	0.331		0.596	0.880	0.972	0.972	0.972	0.972	0.972	0.710	0.357	0.200
31	0.331		0.606		0.972		0.972	0.972		0.699		0.200

Yuma Area ET-Rate Table			Sheet AQ: Page 1 of 2		2003	PHREATOPHYTE ET								
(Sheet to calculate ET for Phreatophyte area classified Aw [51-100% arrowweed & <= 10% any trees])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58		59.11
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.03	0.04	0.04	0.13	0.18	0.28	0.36	0.28	0.28	0.20	0.08	0.02		
2	0.05	0.05	0.05	0.14	0.19	0.32	0.35	0.28	0.24	0.22	0.08	0.03		
3	0.04	0.05	0.03	0.12	0.22	0.35	0.36	0.31	0.31	0.21	0.10	0.03		
4	0.04	0.03	0.04	0.11	0.21	0.33	0.35	0.29	0.31	0.16	0.05	0.03		
5	0.04	0.05	0.04	0.13	0.19	0.34	0.38	0.31	0.27	0.16	0.05	0.02		
6	0.06	0.03	0.04	0.09	0.21	0.33	0.37	0.23	0.30	0.16	0.06	0.02		
7	0.05	0.05	0.05	0.13	0.24	0.34	0.37	0.34	0.29	0.17	0.04	0.01		
8	0.02	0.04	0.05	0.17	0.24	0.40	0.34	0.35	0.30	0.17	0.06	0.02		
9	0.02	0.03	0.06	0.15	0.22	0.40	0.32	0.32	0.27	0.21	0.05	0.02		
10	0.02	0.04	0.06	0.14	0.19	0.32	0.38	0.30	0.23	0.18	0.04	0.01		
11	0.03	0.04	0.06	0.13	0.21	0.32	0.38	0.31	0.24	0.14	0.05	0.01		
12	0.03	0.01	0.06	0.13	0.21	0.30	0.32	0.32	0.24	0.14	0.01	0.01		
13	0.03	0.01	0.06	0.14	0.20	0.29	0.32	0.31	0.24	0.15	0.04	0.01		
14	0.03	0.03	0.07	0.15	0.20	0.29	0.34	0.23	0.25	0.14	0.04	0.01		
15	0.04	0.03	0.04	0.15	0.23	0.35	0.34	0.22	0.27	0.14	0.03	0.02		
16	0.05	0.03	0.07	0.13	0.23	0.33	0.39	0.23	0.24	0.13	0.04	0.03		
17	0.05	0.03	0.08	0.16	0.27	0.29	0.36	0.27	0.27	0.14	0.03	0.03		
18	0.04	0.04	0.09	0.16	0.30	0.38	0.31	0.39	0.24	0.17	0.04	0.02		
19	0.03	0.04	0.10	0.15	0.26	0.38	0.30	0.31	0.24	0.15	0.05	0.02		
20	0.03	0.05	0.08	0.15	0.27	0.29	0.31	0.17	0.22	0.14	0.04	0.01		
21	0.02	0.06	0.10	0.17	0.28	0.33	0.31	0.25	0.23	0.15	0.04	0.02		
22	0.03	0.04	0.07	0.19	0.31	0.29	0.36	0.22	0.25	0.15	0.06	0.02		
23	0.03	0.04	0.08	0.14	0.28	0.30	0.31	0.28	0.18	0.13	0.05	0.02		
24	0.04	0.04	0.10	0.15	0.29	0.27	0.36	0.22	0.17	0.12	0.03	0.01		
25	0.05	0.03	0.10	0.17	0.30	0.28	0.32	0.25	0.19	0.19	0.03	0.02		
26	0.05	0.03	0.10	0.19	0.28	0.28	0.29	0.27	0.20	0.16	0.03	0.03		
27	0.04	0.03	0.13	0.20	0.28	0.32	0.35	0.23	0.23	0.11	0.05	0.02		
28	0.03	0.04	0.15	0.21	0.32	0.35	0.16	0.25	0.21	0.10	0.05	0.02		
29	0.04		0.12	0.22	0.37	0.37	0.30	0.29	0.21	0.11	0.03	0.01		
30	0.04		0.12	0.20	0.37	0.36	0.28	0.28	0.22	0.09	0.03	0.01		
31	0.05		0.11		0.31		0.27	0.26		0.10		0.01		

(Daily Kc values)		Sheet AQ: Page 2 of 2			2003	PHREATOPHYTE ET						
Aw												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.331	0.331	0.331	0.545	0.791	0.989	0.989	0.989	0.989	0.989	0.640	0.291
2	0.331	0.331	0.331	0.553	0.799	0.989	0.989	0.989	0.989	0.989	0.628	0.280
3	0.331	0.331	0.331	0.561	0.808	0.989	0.989	0.989	0.989	0.977	0.617	0.268
4	0.331	0.331	0.331	0.569	0.816	0.989	0.989	0.989	0.989	0.965	0.605	0.256
5	0.331	0.331	0.331	0.577	0.824	0.989	0.989	0.989	0.989	0.954	0.593	0.245
6	0.331	0.331	0.331	0.586	0.832	0.989	0.989	0.989	0.989	0.942	0.582	0.233
7	0.331	0.331	0.339	0.594	0.841	0.989	0.989	0.989	0.989	0.930	0.570	0.221
8	0.331	0.331	0.347	0.602	0.849	0.989	0.989	0.989	0.989	0.919	0.559	0.210
9	0.331	0.331	0.355	0.610	0.857	0.989	0.989	0.989	0.989	0.907	0.547	0.198
10	0.331	0.331	0.364	0.619	0.865	0.989	0.989	0.989	0.989	0.896	0.535	0.187
11	0.331	0.331	0.372	0.627	0.873	0.989	0.989	0.989	0.989	0.884	0.524	0.175
12	0.331	0.331	0.380	0.635	0.882	0.989	0.989	0.989	0.989	0.872	0.512	0.200
13	0.331	0.331	0.388	0.643	0.890	0.989	0.989	0.989	0.989	0.861	0.500	0.200
14	0.331	0.331	0.397	0.651	0.898	0.989	0.989	0.989	0.989	0.849	0.489	0.200
15	0.331	0.331	0.405	0.660	0.906	0.989	0.989	0.989	0.989	0.837	0.477	0.200
16	0.331	0.331	0.413	0.668	0.915	0.989	0.989	0.989	0.989	0.826	0.466	0.200
17	0.331	0.331	0.421	0.676	0.923	0.989	0.989	0.989	0.989	0.814	0.454	0.200
18	0.331	0.331	0.429	0.684	0.931	0.989	0.989	0.989	0.989	0.803	0.442	0.200
19	0.331	0.331	0.438	0.693	0.939	0.989	0.989	0.989	0.989	0.791	0.431	0.200
20	0.331	0.331	0.446	0.701	0.947	0.989	0.989	0.989	0.989	0.779	0.419	0.200
21	0.331	0.331	0.454	0.709	0.956	0.989	0.989	0.989	0.989	0.768	0.407	0.200
22	0.331	0.331	0.462	0.717	0.964	0.989	0.989	0.989	0.989	0.756	0.396	0.200
23	0.331	0.331	0.471	0.725	0.972	0.989	0.989	0.989	0.989	0.744	0.384	0.200
24	0.331	0.331	0.479	0.734	0.980	0.989	0.989	0.989	0.989	0.733	0.373	0.200
25	0.331	0.331	0.487	0.742	0.989	0.989	0.989	0.989	0.989	0.721	0.361	0.200
26	0.331	0.331	0.495	0.750	0.989	0.989	0.989	0.989	0.989	0.710	0.349	0.200
27	0.331	0.331	0.503	0.758	0.989	0.989	0.989	0.989	0.989	0.698	0.338	0.200
28	0.331	0.331	0.512	0.767	0.989	0.989	0.989	0.989	0.989	0.686	0.326	0.200
29	0.331		0.520	0.775	0.989	0.989	0.989	0.989	0.989	0.675	0.314	0.200
30	0.331		0.528	0.783	0.989	0.989	0.989	0.989	0.989	0.663	0.303	0.200
31	0.331		0.536		0.989		0.989	0.989		0.652		0.200

Yuma Area ET-Rate Table			Sheet AR: Page 1 of 2		2003	PHREATOPHYTE ET								
(Sheet to calculate ET for Phreatophyte area classified Cw [61-100% cottonwood and willow trees])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63		62.29
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.03	0.04	0.04	0.14	0.20	0.28	0.37	0.28	0.28	0.20	0.09	0.03		
2	0.05	0.05	0.05	0.16	0.22	0.33	0.36	0.28	0.24	0.22	0.08	0.03		
3	0.04	0.05	0.03	0.14	0.24	0.36	0.37	0.32	0.32	0.21	0.11	0.03		
4	0.04	0.03	0.04	0.13	0.24	0.34	0.36	0.29	0.32	0.17	0.06	0.03		
5	0.04	0.05	0.05	0.14	0.21	0.35	0.39	0.32	0.27	0.17	0.05	0.03		
6	0.06	0.03	0.05	0.11	0.23	0.34	0.38	0.23	0.31	0.17	0.07	0.02		
7	0.05	0.05	0.05	0.15	0.26	0.35	0.38	0.35	0.29	0.18	0.05	0.02		
8	0.02	0.04	0.05	0.19	0.27	0.41	0.35	0.36	0.31	0.19	0.07	0.03		
9	0.02	0.03	0.06	0.16	0.25	0.41	0.33	0.33	0.27	0.23	0.06	0.02		
10	0.02	0.04	0.07	0.16	0.21	0.33	0.39	0.31	0.23	0.20	0.05	0.02		
11	0.03	0.04	0.07	0.15	0.24	0.33	0.39	0.32	0.24	0.15	0.05	0.02		
12	0.03	0.01	0.06	0.15	0.24	0.31	0.33	0.33	0.24	0.15	0.01	0.01		
13	0.03	0.01	0.07	0.16	0.22	0.29	0.33	0.32	0.24	0.16	0.04	0.01		
14	0.03	0.03	0.08	0.17	0.22	0.29	0.35	0.23	0.25	0.15	0.04	0.01		
15	0.04	0.03	0.04	0.17	0.25	0.36	0.35	0.22	0.27	0.16	0.04	0.02		
16	0.05	0.03	0.07	0.15	0.25	0.34	0.40	0.23	0.24	0.15	0.05	0.02		
17	0.05	0.03	0.09	0.18	0.29	0.29	0.37	0.27	0.27	0.15	0.04	0.03		
18	0.04	0.04	0.10	0.18	0.33	0.39	0.32	0.40	0.24	0.19	0.05	0.02		
19	0.03	0.04	0.11	0.16	0.28	0.39	0.31	0.32	0.24	0.17	0.06	0.02		
20	0.03	0.05	0.09	0.17	0.28	0.29	0.32	0.17	0.22	0.15	0.04	0.01		
21	0.02	0.06	0.11	0.19	0.29	0.34	0.32	0.25	0.23	0.16	0.04	0.02		
22	0.03	0.04	0.08	0.22	0.33	0.29	0.37	0.22	0.25	0.17	0.07	0.02		
23	0.03	0.04	0.10	0.15	0.29	0.31	0.32	0.28	0.18	0.15	0.06	0.02		
24	0.04	0.04	0.11	0.17	0.31	0.27	0.37	0.22	0.17	0.13	0.04	0.01		
25	0.05	0.03	0.11	0.19	0.31	0.28	0.33	0.25	0.19	0.21	0.03	0.02		
26	0.05	0.03	0.11	0.21	0.28	0.28	0.29	0.27	0.20	0.17	0.03	0.03		
27	0.04	0.03	0.14	0.22	0.28	0.33	0.36	0.23	0.23	0.12	0.06	0.02		
28	0.03	0.04	0.17	0.24	0.33	0.36	0.16	0.25	0.21	0.11	0.06	0.02		
29	0.04		0.14	0.25	0.38	0.38	0.31	0.29	0.21	0.13	0.04	0.01		
30	0.04		0.14	0.22	0.38	0.37	0.28	0.28	0.22	0.10	0.03	0.01		
31	0.05		0.12		0.32		0.27	0.26		0.11		0.01		

(Daily Kc values)		Sheet AR: Page 2 of 2			2003	PHREATOPHYTE ET								
Cw														
Date	January	February	March	April	May	June	July	August	September	October	November	December		
1	0.331	0.331	0.331	0.614	0.889	1.017	1.017	1.017	1.017	1.017	0.716	0.355		
2	0.331	0.331	0.340	0.623	0.898	1.017	1.017	1.017	1.017	1.017	0.704	0.343		
3	0.331	0.331	0.349	0.633	0.907	1.017	1.017	1.017	1.017	1.017	0.692	0.331		
4	0.331	0.331	0.358	0.642	0.916	1.017	1.017	1.017	1.017	1.017	0.680	0.319		
5	0.331	0.331	0.367	0.651	0.925	1.017	1.017	1.017	1.017	1.017	0.668	0.307		
6	0.331	0.331	0.376	0.660	0.934	1.017	1.017	1.017	1.017	1.017	0.656	0.295		
7	0.331	0.331	0.386	0.669	0.943	1.017	1.017	1.017	1.017	1.017	0.644	0.283		
8	0.331	0.331	0.395	0.678	0.953	1.017	1.017	1.017	1.017	1.005	0.632	0.271		
9	0.331	0.331	0.404	0.687	0.962	1.017	1.017	1.017	1.017	0.993	0.620	0.259		
10	0.331	0.331	0.413	0.697	0.971	1.017	1.017	1.017	1.017	0.980	0.608	0.247		
11	0.331	0.331	0.422	0.706	0.980	1.017	1.017	1.017	1.017	0.968	0.596	0.235		
12	0.331	0.331	0.431	0.715	0.989	1.017	1.017	1.017	1.017	0.956	0.584	0.223		
13	0.331	0.331	0.441	0.724	0.998	1.017	1.017	1.017	1.017	0.944	0.572	0.211		
14	0.331	0.331	0.450	0.733	1.007	1.017	1.017	1.017	1.017	0.932	0.560	0.199		
15	0.331	0.331	0.459	0.742	1.017	1.017	1.017	1.017	1.017	0.920	0.548	0.187		
16	0.331	0.331	0.468	0.751	1.017	1.017	1.017	1.017	1.017	0.908	0.536	0.175		
17	0.331	0.331	0.477	0.761	1.017	1.017	1.017	1.017	1.017	0.896	0.524	0.200		
18	0.331	0.331	0.486	0.770	1.017	1.017	1.017	1.017	1.017	0.884	0.512	0.200		
19	0.331	0.331	0.495	0.779	1.017	1.017	1.017	1.017	1.017	0.872	0.500	0.200		
20	0.331	0.331	0.505	0.788	1.017	1.017	1.017	1.017	1.017	0.860	0.488	0.200		
21	0.331	0.331	0.514	0.797	1.017	1.017	1.017	1.017	1.017	0.848	0.476	0.200		
22	0.331	0.331	0.523	0.806	1.017	1.017	1.017	1.017	1.017	0.836	0.464	0.200		
23	0.331	0.331	0.532	0.815	1.017	1.017	1.017	1.017	1.017	0.824	0.452	0.200		
24	0.331	0.331	0.541	0.825	1.017	1.017	1.017	1.017	1.017	0.812	0.439	0.200		
25	0.331	0.331	0.550	0.834	1.017	1.017	1.017	1.017	1.017	0.800	0.427	0.200		
26	0.331	0.331	0.559	0.843	1.017	1.017	1.017	1.017	1.017	0.788	0.415	0.200		
27	0.331	0.331	0.569	0.852	1.017	1.017	1.017	1.017	1.017	0.776	0.403	0.200		
28	0.331	0.331	0.578	0.861	1.017	1.017	1.017	1.017	1.017	0.764	0.391	0.200		
29	0.331		0.587	0.870	1.017	1.017	1.017	1.017	1.017	0.752	0.379	0.200		
30	0.331		0.596	0.879	1.017	1.017	1.017	1.017	1.017	0.740	0.367	0.200		
31	0.331		0.605		1.017		1.017	1.017		0.728		0.200		

Yuma Area ET-Rate Table			Sheet AS: Page 1 of 2		2003	PHREATOPHYTE ET								
(Sheet to calculate ET for Phreatophyte area classified Low Vegetation [> 10% and <= 30% any phreatophyte vegetation])														
	January	February	March	April	May	June	July	August	September	October	November	December		Total
ET, inches														
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73		54.04
(Daily ET values)														
(Reference ET X Kc)														
Date														
1	0.04	0.05	0.04	0.13	0.18	0.24	0.31	0.24	0.24	0.17	0.08	0.03		
2	0.05	0.06	0.05	0.14	0.19	0.27	0.30	0.24	0.21	0.19	0.08	0.03		
3	0.05	0.05	0.03	0.13	0.21	0.30	0.31	0.27	0.27	0.18	0.10	0.04		
4	0.05	0.03	0.04	0.12	0.20	0.28	0.30	0.25	0.27	0.15	0.06	0.04		
5	0.05	0.05	0.05	0.13	0.18	0.29	0.33	0.27	0.23	0.15	0.05	0.04		
6	0.06	0.04	0.05	0.10	0.20	0.28	0.32	0.20	0.26	0.15	0.06	0.03		
7	0.06	0.05	0.06	0.13	0.23	0.29	0.32	0.29	0.25	0.15	0.04	0.02		
8	0.02	0.04	0.05	0.17	0.23	0.34	0.29	0.30	0.26	0.16	0.06	0.04		
9	0.02	0.04	0.06	0.15	0.21	0.34	0.27	0.27	0.23	0.19	0.06	0.03		
10	0.02	0.04	0.07	0.14	0.18	0.27	0.33	0.26	0.20	0.17	0.05	0.02		
11	0.03	0.05	0.07	0.13	0.20	0.27	0.33	0.27	0.21	0.13	0.05	0.02		
12	0.03	0.01	0.06	0.13	0.20	0.26	0.27	0.27	0.21	0.13	0.01	0.02		
13	0.04	0.01	0.06	0.14	0.19	0.25	0.27	0.27	0.21	0.14	0.04	0.02		
14	0.04	0.03	0.08	0.15	0.19	0.25	0.29	0.20	0.21	0.13	0.04	0.02		
15	0.04	0.03	0.04	0.15	0.21	0.30	0.29	0.19	0.23	0.13	0.04	0.03		
16	0.05	0.04	0.07	0.13	0.21	0.28	0.33	0.20	0.21	0.13	0.05	0.04		
17	0.05	0.04	0.08	0.15	0.25	0.25	0.31	0.23	0.23	0.13	0.04	0.03		
18	0.04	0.04	0.09	0.16	0.27	0.33	0.27	0.33	0.21	0.16	0.05	0.03		
19	0.03	0.04	0.10	0.14	0.24	0.33	0.26	0.27	0.21	0.14	0.06	0.02		
20	0.03	0.06	0.09	0.14	0.24	0.25	0.27	0.15	0.19	0.13	0.04	0.02		
21	0.02	0.06	0.11	0.17	0.25	0.28	0.27	0.21	0.20	0.14	0.04	0.02		
22	0.03	0.05	0.08	0.19	0.27	0.25	0.31	0.19	0.21	0.15	0.07	0.02		
23	0.04	0.04	0.09	0.13	0.25	0.26	0.27	0.24	0.15	0.13	0.06	0.02		
24	0.05	0.05	0.11	0.14	0.26	0.23	0.31	0.19	0.15	0.11	0.04	0.01		
25	0.05	0.03	0.10	0.17	0.26	0.24	0.27	0.21	0.16	0.18	0.04	0.02		
26	0.05	0.04	0.10	0.18	0.24	0.24	0.25	0.23	0.17	0.15	0.03	0.02		
27	0.04	0.03	0.13	0.19	0.24	0.27	0.30	0.20	0.20	0.11	0.06	0.02		
28	0.04	0.04	0.15	0.21	0.27	0.30	0.14	0.21	0.18	0.10	0.07	0.02		
29	0.04		0.13	0.22	0.32	0.32	0.26	0.25	0.18	0.11	0.04	0.01		
30	0.05		0.13	0.19	0.32	0.31	0.24	0.24	0.19	0.09	0.04	0.01		
31	0.05		0.11		0.27		0.23	0.22		0.10		0.01		

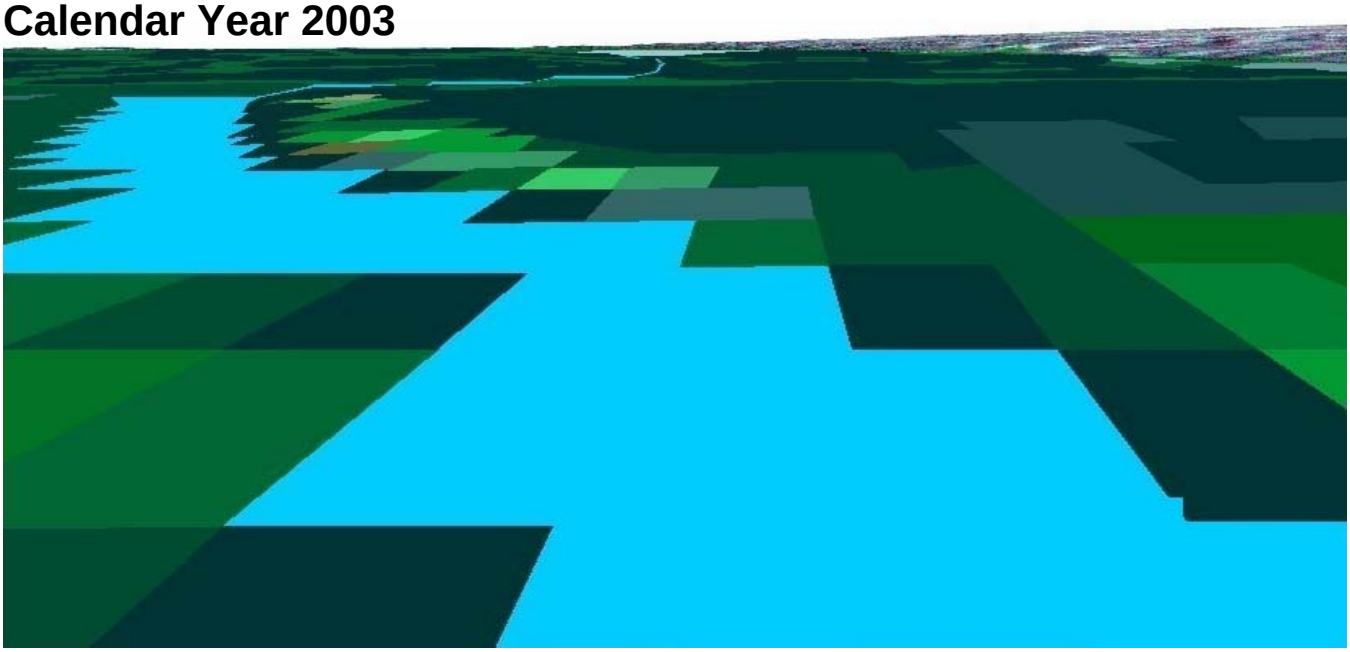
(Daily Kc values)		Sheet AS: Page 2 of 2			2003	PHREATOPHYTE ET						
Low Veg												
Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0.352	0.352	0.352	0.561	0.764	0.858	0.858	0.858	0.858	0.858	0.645	0.389
2	0.352	0.352	0.359	0.568	0.771	0.858	0.858	0.858	0.858	0.858	0.636	0.380
3	0.352	0.352	0.366	0.575	0.777	0.858	0.858	0.858	0.858	0.858	0.628	0.371
4	0.352	0.352	0.372	0.582	0.784	0.858	0.858	0.858	0.858	0.858	0.619	0.363
5	0.352	0.352	0.379	0.588	0.791	0.858	0.858	0.858	0.858	0.858	0.611	0.354
6	0.352	0.352	0.386	0.595	0.798	0.858	0.858	0.858	0.858	0.858	0.602	0.346
7	0.352	0.352	0.393	0.602	0.804	0.858	0.858	0.858	0.858	0.858	0.594	0.337
8	0.352	0.352	0.399	0.609	0.811	0.858	0.858	0.858	0.858	0.850	0.585	0.329
9	0.352	0.352	0.406	0.615	0.818	0.858	0.858	0.858	0.858	0.841	0.577	0.320
10	0.352	0.352	0.413	0.622	0.825	0.858	0.858	0.858	0.858	0.833	0.568	0.312
11	0.352	0.352	0.420	0.629	0.831	0.858	0.858	0.858	0.858	0.824	0.559	0.303
12	0.352	0.352	0.426	0.636	0.838	0.858	0.858	0.858	0.858	0.816	0.551	0.295
13	0.352	0.352	0.433	0.642	0.845	0.858	0.858	0.858	0.858	0.807	0.542	0.286
14	0.352	0.352	0.440	0.649	0.852	0.858	0.858	0.858	0.858	0.799	0.534	0.278
15	0.352	0.352	0.447	0.656	0.858	0.858	0.858	0.858	0.858	0.790	0.525	0.269
16	0.352	0.352	0.453	0.663	0.858	0.858	0.858	0.858	0.858	0.782	0.517	0.260
17	0.352	0.352	0.460	0.669	0.858	0.858	0.858	0.858	0.858	0.773	0.508	0.252
18	0.352	0.352	0.467	0.676	0.858	0.858	0.858	0.858	0.858	0.764	0.500	0.243
19	0.352	0.352	0.474	0.683	0.858	0.858	0.858	0.858	0.858	0.756	0.491	0.235
20	0.352	0.352	0.480	0.690	0.858	0.858	0.858	0.858	0.858	0.747	0.483	0.226
21	0.352	0.352	0.487	0.696	0.858	0.858	0.858	0.858	0.858	0.739	0.474	0.218
22	0.352	0.352	0.494	0.703	0.858	0.858	0.858	0.858	0.858	0.730	0.465	0.209
23	0.352	0.352	0.501	0.710	0.858	0.858	0.858	0.858	0.858	0.722	0.457	0.201
24	0.352	0.352	0.507	0.717	0.858	0.858	0.858	0.858	0.858	0.713	0.448	0.192
25	0.352	0.352	0.514	0.723	0.858	0.858	0.858	0.858	0.858	0.705	0.440	0.184
26	0.352	0.352	0.521	0.730	0.858	0.858	0.858	0.858	0.858	0.696	0.431	0.175
27	0.352	0.352	0.528	0.737	0.858	0.858	0.858	0.858	0.858	0.688	0.423	0.200
28	0.352	0.352	0.534	0.744	0.858	0.858	0.858	0.858	0.858	0.679	0.414	0.200
29	0.352		0.541	0.750	0.858	0.858	0.858	0.858	0.858	0.670	0.406	0.200
30	0.352		0.548	0.757	0.858	0.858	0.858	0.858	0.858	0.662	0.397	0.200
31	0.352		0.555		0.858		0.858	0.858		0.653		0.200

RECLAMATION

Managing Water in the West

Lower Colorado River Accounting System Appendix, Part 2, Evapotranspiration Calculations

Calendar Year 2003



U.S. Department of the Interior
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December 2004

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Lower Colorado River Accounting System Appendix, Part 2, Evapotranspiration Calculations

Calendar Year 2003

U.S. Department of the Interior
Bureau of Reclamation
Lower Colorado Regional Office
Boulder City, Nevada

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Imperial National Wildlife Refuge, AZ	Sheet M
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Imperial National Wildlife Refuge and Yuma Proving Ground, CA	Sheet O
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State of Arizona	Sheet X
State of Arizona-Limitrophe Section	Sheet Y
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State of California	Sheet AA
Unit “B” Irrigation and Drainage District	Sheet AB
University of Arizona Agricultural Station, AZ	Sheet AC
West Cocopah Indian Reservation, AZ	Sheet AD
Yuma Irrigation District, AZ	Sheet AE
Yuma Mesa Irrigation and Drainage District, AZ	Sheet AF
Yuma Proving Ground, AZ	Sheet AG
Yuma Proving Ground, CA	Sheet AH
Yuma County Water Users Association, AZ	Sheet AI

Appendix, Part 2
Evapotranspiration Calculations

Introduction

This document presents the evapotranspiration (ET) calculations used by the Lower Colorado River Accounting for crops and riparian vegetation, and evaporation from open water surfaces, for Calendar Year 2003.

ET-Tables Description

Tables that display the ET calculations and the data used are referred to as the ET tables. The ET tables display summaries of ET and evaporation, and the data used to calculate ET and evaporation for each irrigation district and other areas of land from which Colorado-River water was transpired or evaporated.

Each ET table consists of several sheets. The first sheet is a summary sheet, labeled sheet A, which includes annual summations of agricultural ET (ET from crops plus evaporation from major delivery canals which deliver water from the river to the crops), ET from riparian vegetation, and evaporation from the open water areas of the river (the river channel and reservoirs). The sheets following sheet A (labeled sheets B, C, …. AI[1]) are used to store data and the results of intermediate calculations. Each sheet is titled and generally reports one topic. At the top of each sheet is a summary or total of the calculations made on that sheet, the source of the data displayed on the sheet, and the type of calculations performed within the sheet. A more detailed description of each sheet of the water-balance tables is presented in the following paragraphs. The name of each ET table corresponds to the upstream and downstream dam or measurement point which forms the boundaries of the reach of the Colorado River within which the calculations are performed.

The ET tables created for the 2002 LCRAS report are:

Davis Dam to Parker Dam,

Parker Dam to Imperial Dam, and

Imperial Dam to Mexico.

[1] Not all water-balance tables have the same number of sheets. The number of sheets varies with the number of diverters balanced by each table.

The following descriptions of the sheets within the water-balance tables apply to all water balance tables.

Annual summary sheet

This sheet, labeled Sheet A, annual values of agricultural ET, ET from riparian vegetation, and evaporation for each irrigation district, Indian reservation, and other areas of land from which Colorado River water was transpired.

ET monthly summary tables

This sheet, labeled Sheet B, displays agricultural ET and ET from riparian vegetation for each irrigation district, Indian reservation, and other areas of land from which Colorado River water was transpired.

The values are from the sheets labeled C through AI.

Evaporation sheet

This sheet, labeled Sheet C, displays calculations of monthly evaporation from the mainstream and evaporation from major delivery canals.

Evaporation from the mainstream

E is the sum of evaporation from reservoirs and the open water of the river itself within the reach being balanced. Evaporation is calculated as shown by the following equation.

> E (acre-feet) = area of open water (acres)* [Evaporation rate (inches)-precipitation (inches)]) 12

The evaporation rate is calculated as shown by the following equation.

> Evaporation rate (inches) = reference ET (inches) * evaporation coefficient (dimensionless).

Evaporation is calculated on a monthly basis. The evaporation coefficients (Jensen 1998, 2002) are specific to each reach of the Lower Colorado River. The reference ET and precipitation values are monthly totals of daily precipitation values from the ET-Rate Tables (see Appendix, Part 1).

Evaporation from major delivery canals within irrigation districts Indian reservations

Evaporation from major delivery canals which serve, and ponds which are maintained by, irrigation districts, Indian reservations, and wildlife refuges or between irrigation districts, Indian reservations, and wildlife refuges (entities) and their point(s) of diversion from the mainstream, is added to the crop ET as if an

additional “crop” to create agricultural ET. Evaporation from major delivery canals is calculated using the same technique previously discussed for evaporation from the mainstream except that the open-water area used in this calculation is the open-water area in the canal assigned to each entity.

For calendar year 2000, Reclamation identified bank to bank canal area (in acres) by screen digitizing using 5 meter panchromatic data from the Indian Remote Sensing IRS 1-C or 1-D sensor using Arc-Info GIS software. The result is an Arc/Info polygon coverage from which Reclamation calculated the acreage of open water within each canal. For calendar year 2002, Reclamation overlaid July 21th, 2002 30-meter TM imagery onto the coverage used for calendar year 2001 to look for needed changes and improvements that could be made. This analysis identified exposed pools of water adjacent to the Gila Gravity Main Canal. The area of these pools were digitized and included in the open water area of the canal. No further refinements were made for calendar year 2003.

Major delivery canals were categorized into two groups, single user canals which provide water to a single entity, and shared canals which provide water to two or more entities. An example of a single-user canal is the Colorado River Indian Reservation Main Canal and an example of a shared canal is the All American Canal.

Evaporation from a single-user canal is added to the crop ET of the entity which received water from the canal to develop agricultural ET. Evaporation from a shared canal is proportioned among the entities which received water from the canal in proportion to the quantity of water delivered and the linear distance of canal through which water flows to reach each entity. The amount of canal evaporation assigned to an entity which receives water from a shared canal is added to the crop ET calculated for that entity to develop agricultural ET.

The proportion of evaporation from a shared canal assigned to each entity which receives water from the canal begins by calculating the proportionate use of the canal as follows,

1. calculate the average distance each diversion point for each entity is from the canal head works (these values have units of miles),
2. weight the distances calculated in 1 by the diversion at each diversion point for each entity (these values have units of miles),
3. multiply the value calculated in 2 by the total diversion of each entity (these values have units of acre-foot miles),
4. divide the acre-foot mile values for each entity by the sum of acre-foot mile values for all entities which receive water from the canal (these values are the proportionate use of the canal which can be expressed as fractions or percentages).

The proportionate use of the canal, from the calculations previously described, is used to proportion the open-water area of the shared canal among the entities which received water from the canal. The open-water area assigned to each entity is calculated as the proportionate use of the shared canal times the total open-water area of the canal.

Once the proportionate share of the open-water area of the shared canal has been assigned to each entity, the evaporation assigned to each entity is calculated on Sheet H of the water ET tables, using the technique previously discussed for evaporation from the mainstream, substituting the open-water area assigned to each entity.

Diverter ET sheets

These sheets, labeled sheets D-AI, consist of three pages each. Each sheet displays the values of monthly agricultural ET, on-district open-water evaporation, and ET from crops and riparian vegetation for a single diverter. Therefore, the number of sheets varies with the number of diverters within each reach. The totals for each diverter are used on the ET monthly summary tables (Sheet C).

The first page of the Diverter ET sheet displays the monthly and annual totals of agricultural ET, open water evaporation, and ET from riparian vegetation within the boundary of an entity. The monthly and annual ET values are calculated as:

$$ET_{\text{crop/riparian vegetation group}} \text{ (acre-feet)} = \text{ET rate}_{\text{crop/riparian vegetation group}} \text{ (feet)} * \text{acres}_{\text{crop/riparian vegetation group}}$$

The second page of the Diverter ET sheets display the number of acres occupied by each crop and riparian vegetation group. These acreages are determined using remote sensing/GIS procedures and onsite inspection performed by Reclamation. The third page stores the ET rate values from the appropriate ET-Rate Table[2].

[2] The ET-Rate tables calculate the evapotranspiration rate (in feet) of each crop and riparian vegetation group based upon reference ET calculated from data collected by AZMET and CIMIS stations. For a more complete description, see Part 1 of this appendix.

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Davis Dam to Parker Dam

ET Table

2003 LCRAS	Sheet A - Annual Summary Table		
Davis Dam to Parker Dam			
This sheet presents the evapotranspiration (ET) from crops and riparian vegetation in acre-feet for each agricultural diverter, and evaporation (also in acre-feet).			
Diverter	Evapotranspiration from Agriculture (ETag)	Evapotranspiration from Riparian Vegetation (ETrv)	Evaporation
Bill Williams National Wildlife Refuge, AZ	0	10,638	
Chemehuevi Indian Reservation, CA	76	41	
Fort Mojave Indian Reservation, AZ	37,719	32,470	
Fort Mojave Indian Reservation, CA	12,948	4,884	
Fort Mojave Indian Reservation, NV	1,838	5,629	
Havasu National Wildlife Refuge, AZ	0	49,259	14,174
Havasu National Wildlife Refuge, CA	298	5,962	
Havasu State Park (Windsor Beach), AZ	0	3,458	
Lake Mead National Recreation Area, AZ	0	355	
Lake Mead National Recreation Area, NV	0	97	
Moabi Park, CA	0	222	
Mojave Valley Irrigation and Drainage District, AZ	21,429	31,535	
State of Arizona	0	3,751	
State of California	298	19,443	
State of Nevada	0	10,219	
Bill Williams River, AZ	2,677	24,444	
Mainstream (Lake & River)			94,571
Reach Totals	77,283	202,407	108,745

2003 LCRAS		Sheet B			ET Monthly Summary Tables								
Davis Dam to Parker Dam													
					Evapotranspiration from Agriculture (ETag)								
All values in acre-feet.	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total of Diverters	2,724	1,893	3,786	7,140	9,210	11,030	11,697	10,824	10,853	4,165	1,533	2,427	77,284
Diverter *													
Bill Williams National Wildlife Refuge, AZ	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemehuevi Indian Reservation, CA	10	7	16	22	9	2	2	1	1	1	1	3	76
Fort Mojave Indian Reservation, AZ	1,244	861	1,670	3,265	4,483	5,459	5,772	5,426	5,470	2,116	762	1,192	37,719
Fort Mojave Indian Reservation, CA	427	297	679	1,270	1,514	1,924	2,179	1,895	1,777	497	186	303	12,948
Fort Mojave Indian Reservation, NV	62	43	80	160	229	266	269	259	267	105	38	60	1,838
Havasu National Wildlife Refuge, AZ	0	0	0	0	0	0	0	0	0	0	0	0	0
Havasu National Wildlife Refuge, CA	23	18	39	64	43	28	26	23	22	1	2	7	298
Havasu State Park (Windsor Beach), AZ	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake Mead National Recreation Area, AZ	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake Mead National Recreation Area, NV	0	0	0	0	0	0	0	0	0	0	0	0	0
Moabi Park, CA	0	0	0	0	0	0	0	0	0	0	0	0	0
Mojave Valley Irrigation and Drainage District, AZ	830	579	1,135	2,070	2,583	2,962	3,053	2,838	2,913	1,252	470	745	21,429
State of Arizona	0	0	0	0	0	0	0	0	0	0	0	0	0
State of California	13	9	17	29	37	39	37	35	39	22	8	13	298
State of Nevada	0	0	0	0	0	0	0	0	0	0	0	0	0
Bill Williams River, AZ	114	80	151	261	313	350	358	347	364	171	65	103	2,677
					Evapotranspiration from Riparian Vegetation (ETrv)								
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total of Diverters	5,671	4,410	8,751	16,649	27,331	32,656	30,593	27,288	26,998	15,384	3,919	2,756	202,406
Diverter Name													
Bill Williams National Wildlife Refuge, AZ	248	193	439	897	1,463	1,745	1,635	1,458	1,442	808	192	117	10,638
Chemehuevi Indian Reservation, CA	2	2	3	3	5	6	5	5	5	3	1	1	41
Fort Mojave Indian Reservation, AZ	853	663	1,279	2,563	4,413	5,305	4,970	4,433	4,388	2,578	633	393	32,470
Fort Mojave Indian Reservation, CA	108	84	180	390	678	813	762	679	672	384	87	47	4,884
Fort Mojave Indian Reservation, NV	240	187	284	434	710	855	801	714	708	434	136	125	5,629
Havasu National Wildlife Refuge, AZ	1,097	853	2,179	4,394	6,839	8,069	7,560	6,742	6,664	3,508	819	537	49,259
Havasu National Wildlife Refuge, CA	148	115	304	570	821	959	898	801	791	382	95	79	5,962
Havasu State Park (Windsor Beach), AZ	123	96	166	280	451	540	506	451	447	261	75	63	3,458
Lake Mead National Recreation Area, AZ	13	10	17	28	46	55	51	46	45	29	8	7	355
Lake Mead National Recreation Area, NV	3	3	4	7	13	15	14	13	13	8	2	2	97
Moabi Park, CA	11	9	13	17	27	32	30	27	27	17	6	6	222
Mojave Valley Irrigation and Drainage District, AZ	863	671	1,261	2,481	4,262	5,133	4,808	4,289	4,245	2,498	623	401	31,535
State of Arizona	154	120	187	293	476	573	537	479	474	289	89	80	3,751
State of California	543	422	798	1,547	2,625	3,154	2,955	2,636	2,608	1,516	382	257	19,443
State of Nevada	375	292	474	796	1,326	1,596	1,495	1,334	1,321	794	228	189	10,219
Bill Williams River, AZ	889	691	1,163	1,948	3,177	3,806	3,566	3,180	3,149	1,878	543	453	24,444

2003 LCRAS			Sheet C				Evaporation							
Davis Dam to Parker Dam														
Open-Water Evaporation (Surface Evaporation= acres X ((evaporation - precipitation)/12)))														
		January	February	March	April	May	June	July	August	September	October	November	December	Annual
Total		6,426	315	5,953	12,205	15,417	15,984	14,213	10,498	11,068	8,860	3,762	4,045	108,745
Lake														
Colorado River	acres	20,944	20,944	20,944	20,944	20,944	20,944	20,944	20,944	20,944	20,944	20,944	20,944	
	Ac-ft	5,589	274	5,177	10,614	13,407	13,901	12,360	9,129	9,625	7,705	3,271	3,518	94,571
Topock Marsh	acres	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139	
	Ac-ft	838	41	776	1,591	2,009	2,083	1,852	1,368	1,443	1,155	490	527	14,174
----------	acres	0	0	0	0	0	0	0	0	0	0	0	0	
	Ac-ft	0	0	0	0	0	0	0	0	0	0	0	0	0
Evaporation coefficient, monthly (Jensen, 2002)														
		0.89	0.86	0.87	0.95	0.93	0.85	0.81	0.76	0.73	0.78	0.88	0.81	
ETo, inches			(THESE VALUES FROM ANOTHER WORKSHEET)											
Mohave AZMET		3.80	2.95	4.80	6.57	8.26	9.37	8.78	7.83	7.76	5.66	2.38	2.55	70.71
Evaporation, inches (Evaporation = ETo X Evaporation coefficient)														
Mohave Area		3.38	2.54	4.18	6.24	7.68	7.96	7.11	5.95	5.66	4.41	2.09	2.07	59.28
Precipitation, inches			(THESE VALUES FROM ANOTHER WORKSHEET)											
Ft. Mohave Area (avg.)		0.18	2.38	1.21	0.16	0.00	0.00	0.03	0.72	0.15	0.00	0.22	0.05	5.10
Open-Water Evaporation Within District and Shared Canal Evaporation (1)														
[added to Diverters Ag ET; Surface Evaporation = acres X ((evaporation - precipitation/12))]														
District Name	acres	0	0	0	0	0	0	0	0	0	0	0	0	
(see Sheet *)	Ac-ft	0	0	0	0	0	0	0	0	0	0	0	0	0
District Name	acres	0	0	0	0	0	0	0	0	0	0	0	0	
(see Sheet *)	Ac-ft	0	0	0	0	0	0	0	0	0	0	0	0	0
(1) - Open water surface area of larger canals, distribution laterals, and storage ponds distinguishable on 10 meter IRS imagery														

2003 LCRAS		Sheet D, Page 1 of 3			Bill Williams National Wildlife Refuge, AZ								
Davis Dam to Parker Dam													
Based on ETo values from the Mohave AZMET station, and averaged precipitation from the Mohave AZMET and Bullhead City NWS weather stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	248	193	439	897	1,463	1,745	1,635	1,458	1,442	808	192	117	10,638
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	23	18	92	183	230	261	244	218	214	74	14	15	1,587
Barren	27	21	25	20	24	27	26	23	23	18	11	16	263
Sc-low	92	72	133	295	540	668	626	559	552	313	70	37	3,956
Sc-high	22	17	38	84	147	176	164	147	145	82	18	9	1,046
Sc/ms	12	9	22	50	88	105	99	88	87	49	10	5	625
Sc/aw	1	1	2	4	6	7	7	6	6	3	1	0	44
Sc/ms/aw	1	1	2	5	9	10	10	8	8	5	1	1	62
Ms-low	10	8	17	33	53	63	59	52	52	35	9	4	396
Ms-high	4	3	7	14	23	26	25	22	22	14	4	2	165
Ms/aw	2	1	4	8	12	14	13	12	11	7	2	1	87
Aw	1	0	1	2	4	4	4	4	4	2	1	0	26
Cw	40	31	74	155	258	301	282	251	249	160	40	19	1,859
Low Veg	14	11	23	44	71	82	77	69	68	45	12	7	522

2003 LCRAS		Sheet D, Page 2 of 3			Bill Williams National Wildlife Refuge, AZ							
Davis Dam to Parker Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	2,416.50	2,416.50	2,416.50	2,416.50	2,416.50	2,416.50	2,416.50	2,416.50	2,416.50	2,416.50	2,416.50	2,416.50
Marsh	280.99	280.99	280.99	280.99	280.99	280.99	280.99	280.99	280.99	280.99	280.99	280.99
Barren	259.11	259.11	259.11	259.11	259.11	259.11	259.11	259.11	259.11	259.11	259.11	259.11
Sc-low	878.64	878.64	878.64	878.64	878.64	878.64	878.64	878.64	878.64	878.64	878.64	878.64
Sc-high	204.88	204.88	204.88	204.88	204.88	204.88	204.88	204.88	204.88	204.88	204.88	204.88
Sc/ms	115.72	115.72	115.72	115.72	115.72	115.72	115.72	115.72	115.72	115.72	115.72	115.72
Sc/aw	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41
Sc/ms/aw	11.24	11.24	11.24	11.24	11.24	11.24	11.24	11.24	11.24	11.24	11.24	11.24
Ms-low	99.46	99.46	99.46	99.46	99.46	99.46	99.46	99.46	99.46	99.46	99.46	99.46
Ms-high	33.34	33.34	33.34	33.34	33.34	33.34	33.34	33.34	33.34	33.34	33.34	33.34
Ms/aw	18.27	18.27	18.27	18.27	18.27	18.27	18.27	18.27	18.27	18.27	18.27	18.27
Aw	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56
Cw	378.41	378.41	378.41	378.41	378.41	378.41	378.41	378.41	378.41	378.41	378.41	378.41
Low Veg	122.47	122.47	122.47	122.47	122.47	122.47	122.47	122.47	122.47	122.47	122.47	122.47

2003 LCRAS		Sheet D, Page 3 of 3			Bill Williams National Wildlife Refuge, AZ								
Davis Dam to Parker Dam													
Monthly ET Rate Values (inches) from Fort_Mohave_Area_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74	62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09	38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68	43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00	33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93	21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00	28.43
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00	5.54
Lettuce-fall	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36	15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00	38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26	53.17
Citrus-young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07	24.31
Citrus-mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79	41.44
Citrus-declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25	28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00	25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00	40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53	13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36	12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34	67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00	33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56	53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52	17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38	11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09	52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47	30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00	34.22
Herbs (Miscellaneous)	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27	11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53	58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53	42.31
Riparian Vegetation Groups													
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64	67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74	12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51	54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52	61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52	64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52	62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56	65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54	47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66	59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59	56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54	55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60	58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69	51.14

2003 LCRAS		Sheet E, Page 1 of 3			Chemehuevi Indian Reservation, CA								
Davis Dam to Parker Dam													
Based on ETo values from the Mohave AZMET station, and averaged precipitation from the Mohave AZMET and Bullhead City NWS weather stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	10	7	16	22	9	2	2	1	1	1	1	3	76
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	2	2	3	3	5	6	5	5	5	3	1	1	41
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	9	7	15	21	7	0	0	0	0	0	1	3	63
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	1	0	1	1	2	2	2	1	1	1	0	1	13
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	2	1	2	1	2	2	2	2	2	1	1	1	18
Sc-low	1	0	1	2	3	4	3	3	3	2	0	0	22
Sc-high	0	0	0	0	0	0	0	0	0	0	0	0	1
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet E, Page 2 of 3			Chemehuevi Indian Reservation, CA							
Davis Dam to Parker Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	41.53	41.53	41.53	41.53	41.53	41.53	41.53	41.53	41.53	41.53	41.53	41.53
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	34.99	34.99	34.99	34.99	34.99	34.99	34.99	34.99	34.99	34.99	34.99	34.99
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	6.54	6.54	6.54	6.54	6.54	6.54	6.54	6.54	6.54	6.54	6.54	6.54
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Phreatophyte Acres	23.07	23.07	23.07	23.07	23.07	23.07	23.07	23.07	23.07	23.07	23.07	23.07
Marsh												
Barren	17.99	17.99	17.99	17.99	17.99	17.99	17.99	17.99	17.99	17.99	17.99	17.99
Sc-low	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80
Sc-high	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 LCRAS		Sheet E, Page 3 of 3			Chemehuevi Indian Reservation, CA								
Davis Dam to Parker Dam													
Monthly ET Rate Values (inches) from Fort_Mohave_Area_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74	62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09	38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68	43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00	33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93	21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00	28.43
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00	5.54
Lettuce-fall	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36	15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00	38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26	53.17
Citrus-young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07	24.31
Citrus-mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79	41.44
Citrus-declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25	28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00	25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00	40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53	13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36	12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34	67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00	33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56	53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52	17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38	11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09	52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47	30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00	34.22
Herbs (Miscellaneous)	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27	11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53	58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53	42.31
Riparian vegetation groups													
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64	67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74	12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51	54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52	61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52	64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52	62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56	65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54	47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66	59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59	56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54	55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60	58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69	51.14

2003 LCRAS		Sheet F, Page 1 of 3			Fort Mojave Indian Reservation, AZ								
Davis Dam to Parker Dam													
Based on ETo values from the Mohave AZMET station, and averaged precipitation from the Mohave AZMET and Bullhead City NWS weather stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	1,244	861	1,670	3,265	4,483	5,459	5,772	5,426	5,470	2,116	762	1,192	37,719
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	853	663	1,279	2,563	4,413	5,305	4,970	4,433	4,388	2,578	633	393	32,470
Monthly ET Values, Crop Groups													
Alfalfa-perennial	1,207	832	1,530	2,620	3,336	3,560	3,387	3,215	3,534	1,965	758	1,181	27,124
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	190	449	1,128	1,672	1,830	1,611	134	0	0	7,014
Small Grain	38	29	63	87	31	0	0	0	0	0	4	11	263
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	143	350	412	386	338	325	17	0	0	1,971
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	77	224	317	359	327	42	0	0	0	0	1,347
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	1	0	2	5	6	7	6	6	6	2	0	0	42
Barren	183	143	172	137	163	185	173	154	154	124	76	108	1,770
Sc-low	221	172	317	706	1,292	1,600	1,498	1,337	1,321	748	166	89	9,469
Sc-high	190	148	332	742	1,299	1,553	1,454	1,297	1,284	722	157	79	9,257
Sc/ms	90	70	161	368	651	779	730	651	644	361	77	37	4,619
Sc/aw	12	10	22	49	86	103	96	86	85	48	10	5	611
Sc/ms/aw	19	15	37	81	139	166	156	139	138	87	20	9	1,006
Ms-low	9	7	15	29	47	56	52	47	46	31	8	4	353
Ms-high	21	16	40	84	137	157	147	131	130	85	22	11	981
Ms/aw	13	10	24	51	82	95	88	79	78	51	13	6	590
Aw	34	26	55	117	201	247	231	206	204	124	29	14	1,488
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	60	46	101	194	309	359	336	300	298	196	55	31	2,285

2003 LCRAS		Sheet F, Page 2 of 3			Fort Mojave Indian Reservation, AZ							
Davis Dam to Parker Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	8848.60	8848.60	8848.60	8848.60	8848.60	8848.60	8848.60	8848.60	8848.60	8848.60	8848.60	8848.60
* - Includes XX acres of timothy grass & XX acres of klein grass in the bermuda w/rye acreage.												
Alfalfa-perennial	5,171.38	5,171.38	5,171.38	5,171.38	5,171.38	5,171.38	5,171.38	5,171.38	5,171.38	5,171.38	5,171.38	5,171.38
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	2,507.40	2,507.40	2,507.40	2,507.40	2,507.40	2,507.40	2,507.40	2,507.40	2,507.40	2,507.40	2,507.40	2,507.40
Small Grain	146.02	146.02	146.02	146.02	146.02	146.02	146.02	146.02	146.02	146.02	146.02	146.02
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	619.92	619.92	619.92	619.92	619.92	619.92	619.92	619.92	619.92	619.92	619.92	619.92
Bermuda w/rye *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	403.88	403.88	403.88	403.88	403.88	403.88	403.88	403.88	403.88	403.88	403.88	403.88
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Phreatophyte Acres	8,089.64	8,089.64	8,089.64	8,089.64	8,089.64	8,089.64	8,089.64	8,089.64	8,089.64	8,089.64	8,089.64	8,089.64
Marsh	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36
Barren	1,745.42	1,745.42	1,745.42	1,745.42	1,745.42	1,745.42	1,745.42	1,745.42	1,745.42	1,745.42	1,745.42	1,745.42
Sc-low	2,103.04	2,103.04	2,103.04	2,103.04	2,103.04	2,103.04	2,103.04	2,103.04	2,103.04	2,103.04	2,103.04	2,103.04
Sc-high	1,812.46	1,812.46	1,812.46	1,812.46	1,812.46	1,812.46	1,812.46	1,812.46	1,812.46	1,812.46	1,812.46	1,812.46
Sc/ms	854.92	854.92	854.92	854.92	854.92	854.92	854.92	854.92	854.92	854.92	854.92	854.92
Sc/aw	116.56	116.56	116.56	116.56	116.56	116.56	116.56	116.56	116.56	116.56	116.56	116.56
Sc/ms/aw	183.54	183.54	183.54	183.54	183.54	183.54	183.54	183.54	183.54	183.54	183.54	183.54
Ms-low	88.56	88.56	88.56	88.56	88.56	88.56	88.56	88.56	88.56	88.56	88.56	88.56
Ms-high	197.91	197.91	197.91	197.91	197.91	197.91	197.91	197.91	197.91	197.91	197.91	197.91
Ms/aw	124.48	124.48	124.48	124.48	124.48	124.48	124.48	124.48	124.48	124.48	124.48	124.48
Aw	319.31	319.31	319.31	319.31	319.31	319.31	319.31	319.31	319.31	319.31	319.31	319.31
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	536.08	536.08	536.08	536.08	536.08	536.08	536.08	536.08	536.08	536.08	536.08	536.08

2003 LCRAS		Sheet F, Page 3 of 3			Fort Mojave Indian Reservation, AZ								
Davis Dam to Parker Dam													
Monthly ET Rate Values (inches) from Fort_Mohave_Area_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74	62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09	38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68	43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00	33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93	21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00	28.43
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00	5.54
Lettuce-fall	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36	15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00	38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26	53.17
Citrus-young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07	24.31
Citrus-mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79	41.44
Citrus-declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25	28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00	25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00	40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53	13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36	12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34	67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00	33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56	53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52	17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38	11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09	52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47	30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00	34.22
Herbs (Miscellaneous)	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27	11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53	58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53	42.31
Riparian Vegetation Groups													
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64	67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74	12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51	54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52	61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52	64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52	62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56	65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54	47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66	59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59	56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54	55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60	58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69	51.14

2003 LCRAS		Sheet G, Page 1 of 3			Fort Mojave Indian Reservation, CA								
Davis Dam to Parker Dam													
Based on ETo values from the Mohave AZMET station, and averaged precipitation from the Mohave AZMET and Bullhead City NWS weather stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	427	297	679	1,270	1,514	1,924	2,179	1,895	1,777	497	186	303	12,948
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	108	84	180	390	678	813	762	679	672	384	87	47	4,884
Monthly ET Values, Crop Groups													
Alfalfa-perennial	233	160	295	505	643	686	653	619	681	379	146	228	5,226
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	117	277	695	1,029	1,127	992	82	0	0	4,318
Small Grain	148	113	247	343	120	0	0	0	0	0	15	44	1,029
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	24	58	68	64	56	54	3	0	0	328
Bermuda w/ rye	22	10	23	18	45	52	49	43	41	18	13	15	350
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	90	263	372	422	384	49	0	0	0	0	1,582
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	24	13	25	0	0	0	0	0	9	15	12	17	114
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	1	1	5	9	11	13	12	11	10	4	1	1	78
Barren	8	6	7	6	7	8	7	7	7	5	3	5	75
Sc-low	23	18	33	75	136	169	158	141	140	79	18	9	1,000
Sc-high	35	27	62	137	240	287	269	240	238	134	29	15	1,714
Sc/ms	28	22	50	115	203	243	228	203	201	113	24	12	1,440
Sc/aw	1	1	2	4	7	9	8	7	7	4	1	0	52
Sc/ms/aw	2	2	4	9	16	19	18	16	16	10	2	1	113
Ms-low	1	1	2	4	6	7	7	6	6	4	1	1	46
Ms-high	2	2	4	9	15	17	16	15	14	9	2	1	109
Ms/aw	4	3	8	17	27	31	29	26	26	16	4	2	193
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	2	1	3	6	9	10	10	9	8	6	2	1	65

2003 LCRAS		Sheet G, Page 2 of 3			Fort Mojave Indian Reservation, CA							
Davis Dam to Parker Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	3847.87	3847.87	3847.87	3847.87	3847.87	3847.87	3847.87	3847.87	3847.87	3847.87	3847.87	3847.87
* - Includes XX acres of timothy grass in the Bermuda w/rye acreage.												
Alfalfa-perennial	996.45	996.45	996.45	996.45	996.45	996.45	996.45	996.45	996.45	996.45	996.45	996.45
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	1,543.62	1,543.62	1,543.62	1,543.62	1,543.62	1,543.62	1,543.62	1,543.62	1,543.62	1,543.62	1,543.62	1,543.62
Small Grain	572.40	572.40	572.40	572.40	572.40	572.40	572.40	572.40	572.40	572.40	572.40	572.40
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	103.03	103.03	103.03	103.03	103.03	103.03	103.03	103.03	103.03	103.03	103.03	103.03
Bermuda w/Rye*	78.97	78.97	78.97	78.97	78.97	78.97	78.97	78.97	78.97	78.97	78.97	78.97
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	474.52	474.52	474.52	474.52	474.52	474.52	474.52	474.52	474.52	474.52	474.52	474.52
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	78.88	78.88	78.88	78.88	78.88	78.88	78.88	78.88	78.88	78.88	78.88	78.88
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	1,031.79	1,031.79	1,031.79	1,031.79	1,031.79	1,031.79	1,031.79	1,031.79	1,031.79	1,031.79	1,031.79	1,031.79
Marsh	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74
Barren	73.94	73.94	73.94	73.94	73.94	73.94	73.94	73.94	73.94	73.94	73.94	73.94
Sc-low	222.02	222.02	222.02	222.02	222.02	222.02	222.02	222.02	222.02	222.02	222.02	222.02
Sc-high	335.51	335.51	335.51	335.51	335.51	335.51	335.51	335.51	335.51	335.51	335.51	335.51
Sc/ms	266.59	266.59	266.59	266.59	266.59	266.59	266.59	266.59	266.59	266.59	266.59	266.59
Sc/aw	9.88	9.88	9.88	9.88	9.88	9.88	9.88	9.88	9.88	9.88	9.88	9.88
Sc/ms/aw	20.70	20.70	20.70	20.70	20.70	20.70	20.70	20.70	20.70	20.70	20.70	20.70
Ms-low	11.66	11.66	11.66	11.66	11.66	11.66	11.66	11.66	11.66	11.66	11.66	11.66
Ms-high	21.93	21.93	21.93	21.93	21.93	21.93	21.93	21.93	21.93	21.93	21.93	21.93
Ms/aw	40.62	40.62	40.62	40.62	40.62	40.62	40.62	40.62	40.62	40.62	40.62	40.62
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	15.20	15.20	15.20	15.20	15.20	15.20	15.20	15.20	15.20	15.20	15.20	15.20

2003 LCRAS		Sheet G, Page 3 of 3			Fort Mojave Indian Reservation, CA								
Davis Dam to Parker Dam													
Monthly ET Rate Values (inches) from Fort_Mohave_Area_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74	62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09	38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68	43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00	33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93	21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00	28.43
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00	5.54
Lettuce-fall	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36	15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00	38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26	53.17
Citrus-young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07	24.31
Citrus-mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79	41.44
Citrus-declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25	28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00	25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00	40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53	13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36	12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34	67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00	33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56	53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52	17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38	11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09	52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47	30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00	34.22
Herbs (Miscellaneous)	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27	11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53	58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53	42.31
Riparian Vegetation Groups													
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64	67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74	12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51	54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52	61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52	64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52	62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56	65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54	47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66	59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59	56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54	55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60	58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69	51.14

2003 LCRAS		Sheet H, Page 1 of 3			Fort Mojave Indian Reservation, NV								
Davis Dam to Parker Dam													
Based on ETo values from the Mohave AZMET station, and averaged precipitation from the Mohave AZMET and Bullhead City NWS weather stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	62	43	80	160	229	266	269	259	267	105	38	60	1,838
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	240	187	284	434	710	855	801	714	708	434	136	125	5,629
Monthly ET Values, Crop Groups													
Alfalfa-perennial	61	42	77	132	168	180	171	162	178	99	38	60	1,370
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	5	12	31	46	51	45	4	0	0	195
Small Grain	1	1	2	3	1	0	0	0	0	0	0	0	10
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	19	47	55	52	45	44	2	0	0	264
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	144	112	135	107	128	145	136	121	121	97	59	85	1,392
Sc-low	61	47	87	194	354	439	411	367	362	205	46	24	2,596
Sc-high	17	13	29	65	115	137	128	115	113	64	14	7	817
Sc/ms	7	5	12	27	47	57	53	47	47	26	6	3	336
Sc/aw	1	1	2	4	6	8	7	6	6	4	1	0	46
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	1	0	1	2	4	5	4	4	4	2	1	0	28
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	11	8	18	35	56	65	61	54	54	35	10	6	413

2003 LCRAS		Sheet H, Page 2 of 3			Fort Mojave Indian Reservation, NV							
Davis Dam to Parker Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	419.34	419.34	419.34	419.34	419.34	419.34	419.34	419.34	419.34	419.34	419.34	419.34
Alfalfa-perennial	261.12	261.12	261.12	261.12	261.12	261.12	261.12	261.12	261.12	261.12	261.12	261.12
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	69.66	69.66	69.66	69.66	69.66	69.66	69.66	69.66	69.66	69.66	69.66	69.66
Small Grain	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	83.07	83.07	83.07	83.07	83.07	83.07	83.07	83.07	83.07	83.07	83.07	83.07
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	2,282.89	2,282.89	2,282.89	2,282.89	2,282.89	2,282.89	2,282.89	2,282.89	2,282.89	2,282.89	2,282.89	2,282.89
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	1,372.32	1,372.32	1,372.32	1,372.32	1,372.32	1,372.32	1,372.32	1,372.32	1,372.32	1,372.32	1,372.32	1,372.32
Sc-low	576.46	576.46	576.46	576.46	576.46	576.46	576.46	576.46	576.46	576.46	576.46	576.46
Sc-high	160.03	160.03	160.03	160.03	160.03	160.03	160.03	160.03	160.03	160.03	160.03	160.03
Sc/ms	62.22	62.22	62.22	62.22	62.22	62.22	62.22	62.22	62.22	62.22	62.22	62.22
Sc/aw	8.80	8.80	8.80	8.80	8.80	8.80	8.80	8.80	8.80	8.80	8.80	8.80
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	96.96	96.96	96.96	96.96	96.96	96.96	96.96	96.96	96.96	96.96	96.96	96.96

2003 LCRAS		Sheet H, Page 3 of 3			Fort Mojave Indian Reservation, NV								
Davis Dam to Parker Dam													
Monthly ET Rate Values (inches) from Fort_Mohave_Area_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74	62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09	38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68	43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00	33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93	21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00	28.43
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00	5.54
Lettuce-fall	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36	15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00	38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26	53.17
Citrus-young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07	24.31
Citrus-mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79	41.44
Citrus-declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25	28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00	25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00	40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53	13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36	12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34	67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00	33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56	53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52	17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38	11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09	52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47	30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00	34.22
Herbs (Miscellaneous)	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27	11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53	58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53	42.31
Riparian Vegetation Groups													
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64	67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74	12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51	54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52	61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52	64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52	62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56	65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54	47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66	59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59	56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54	55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60	58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69	51.14

2003 LCRAS		Sheet I, Page 1 of 3			Havasu National Wildlife Refuge, AZ								
Davis Dam to Parker Dam													
Based on ETo values from the Mohave AZMET station, and averaged precipitation from the Mohave AZMET and Bullhead City NWS weather stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	1,097	853	2,179	4,394	6,839	8,069	7,560	6,742	6,664	3,508	819	537	49,259
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation													
Marsh	192	149	766	1,514	1,904	2,160	2,024	1,805	1,776	611	116	124	13,139
Barren	156	121	146	116	139	157	147	131	131	105	64	92	1,507
Sc-low	164	128	236	525	959	1,188	1,113	993	981	556	124	66	7,033
Sc-high	205	160	358	800	1,401	1,674	1,569	1,399	1,384	779	169	85	9,983
Sc/ms	96	75	173	395	700	837	785	700	692	388	83	40	4,962
Sc/aw	27	21	48	109	192	230	215	192	190	107	23	11	1,365
Sc/ms/aw	26	20	49	107	184	220	206	184	182	116	27	11	1,332
Ms-low	28	22	46	89	143	169	159	141	140	94	23	12	1,067
Ms-high	25	20	48	103	167	192	180	161	159	104	27	13	1,201
Ms/aw	67	52	125	263	422	485	454	405	402	259	65	31	3,031
Aw	71	55	117	246	425	521	488	435	431	262	62	30	3,145
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	39	30	66	127	202	235	220	196	195	128	36	20	1,494

2003 LCRAS		Sheet I, Page 2 of 3			Havasu National Wildlife Refuge, AZ							
Davis Dam to Parker Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	10,924.85	10,924.85	10,924.85	10,924.85	10,924.85	10,924.85	10,924.85	10,924.85	10,924.85	10,924.85	10,924.85	10,924.85
Marsh	2,326.23	2,326.23	2,326.23	2,326.23	2,326.23	2,326.23	2,326.23	2,326.23	2,326.23	2,326.23	2,326.23	2,326.23
Barren	1,485.48	1,485.48	1,485.48	1,485.48	1,485.48	1,485.48	1,485.48	1,485.48	1,485.48	1,485.48	1,485.48	1,485.48
Sc-low	1,562.03	1,562.03	1,562.03	1,562.03	1,562.03	1,562.03	1,562.03	1,562.03	1,562.03	1,562.03	1,562.03	1,562.03
Sc-high	1,954.58	1,954.58	1,954.58	1,954.58	1,954.58	1,954.58	1,954.58	1,954.58	1,954.58	1,954.58	1,954.58	1,954.58
Sc/ms	918.46	918.46	918.46	918.46	918.46	918.46	918.46	918.46	918.46	918.46	918.46	918.46
Sc/aw	260.40	260.40	260.40	260.40	260.40	260.40	260.40	260.40	260.40	260.40	260.40	260.40
Sc/ms/aw	242.99	242.99	242.99	242.99	242.99	242.99	242.99	242.99	242.99	242.99	242.99	242.99
Ms-low	267.93	267.93	267.93	267.93	267.93	267.93	267.93	267.93	267.93	267.93	267.93	267.93
Ms-high	242.25	242.25	242.25	242.25	242.25	242.25	242.25	242.25	242.25	242.25	242.25	242.25
Ms/aw	639.03	639.03	639.03	639.03	639.03	639.03	639.03	639.03	639.03	639.03	639.03	639.03
Aw	674.81	674.81	674.81	674.81	674.81	674.81	674.81	674.81	674.81	674.81	674.81	674.81
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	350.66	350.66	350.66	350.66	350.66	350.66	350.66	350.66	350.66	350.66	350.66	350.66

0		Sheet I, Page 3 of 3			Havasu National Wildlife Refuge, AZ								
#REF!													
Monthly ET Rate Values (inches) from Fort_Mohave_Area_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74	62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09	38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68	43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00	33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93	21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00	28.43
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00	5.54
Lettuce-fall	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36	15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00	38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26	53.17
Citrus-young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07	24.31
Citrus-mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79	41.44
Citrus-declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25	28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00	25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00	40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53	13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36	12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34	67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00	33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56	53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52	17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38	11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09	52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47	30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00	34.22
Herbs (Miscellaneous)	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27	11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53	58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53	42.31
Riparian vegetation groups													
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64	67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74	12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51	54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52	61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52	64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52	62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56	65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54	47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66	59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59	56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54	55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60	58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69	51.14

2003 LCRAS		Sheet J, Page 1 of 3			Havasu National Wildlife Refuge, CA								
Davis Dam to Parker Dam													
Based on ETo values from the Mohave AZMET station, and averaged precipitation from the Mohave AZMET and Bullhead City NWS weather stations.													
Total Agricultural ET (Acre-Feet)	23	18	39	64	43	28	26	23	22	1	2	7	298
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	148	115	304	570	821	959	898	801	791	382	95	79	5,962
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	23	18	39	54	19	0	0	0	0	0	2	7	163
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	10	24	28	26	23	22	1	0	0	135
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	40	31	161	318	399	453	424	379	372	128	24	26	2,756
Barren	45	35	42	33	40	45	42	38	38	30	18	26	431
Sc-low	25	20	36	81	148	183	172	153	151	86	19	10	1,085
Sc-high	11	9	19	43	75	90	84	75	74	42	9	5	536
Sc/ms	7	6	13	31	54	65	61	54	54	30	6	3	385
Sc/aw	1	1	2	4	7	9	8	7	7	4	1	0	51
Sc/ms/aw	1	1	3	6	10	12	11	10	10	6	1	1	73
Ms-low	3	2	5	10	15	18	17	15	15	10	2	1	115
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	1	1	1	2	4	5	4	4	4	2	1	0	29
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	13	10	22	43	68	79	74	66	65	43	12	7	502

2003 LCRAS		Sheet J, Page 2 of 3			Havasu National Wildlife Refuge, CA							
Davis Dam to Parker Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	133.03	133.03	133.03	133.03	133.03	133.03	133.03	133.03	133.03	133.03	133.03	133.03
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	90.58	90.58	90.58	90.58	90.58	90.58	90.58	90.58	90.58	90.58	90.58	90.58
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	42.45	42.45	42.45	42.45	42.45	42.45	42.45	42.45	42.45	42.45	42.45	42.45
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	1,505.74	1,505.74	1,505.74	1,505.74	1,505.74	1,505.74	1,505.74	1,505.74	1,505.74	1,505.74	1,505.74	1,505.74
Marsh	487.87	487.87	487.87	487.87	487.87	487.87	487.87	487.87	487.87	487.87	487.87	487.87
Barren	424.85	424.85	424.85	424.85	424.85	424.85	424.85	424.85	424.85	424.85	424.85	424.85
Sc-low	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00
Sc-high	105.01	105.01	105.01	105.01	105.01	105.01	105.01	105.01	105.01	105.01	105.01	105.01
Sc/ms	71.21	71.21	71.21	71.21	71.21	71.21	71.21	71.21	71.21	71.21	71.21	71.21
Sc/aw	9.71	9.71	9.71	9.71	9.71	9.71	9.71	9.71	9.71	9.71	9.71	9.71
Sc/ms/aw	13.36	13.36	13.36	13.36	13.36	13.36	13.36	13.36	13.36	13.36	13.36	13.36
Ms-low	28.84	28.84	28.84	28.84	28.84	28.84	28.84	28.84	28.84	28.84	28.84	28.84
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	6.18	6.18	6.18	6.18	6.18	6.18	6.18	6.18	6.18	6.18	6.18	6.18
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	117.71	117.71	117.71	117.71	117.71	117.71	117.71	117.71	117.71	117.71	117.71	117.71

2003 LCRAS		Sheet J, Page 3 of 3			Havasu National Wildlife Refuge, CA								
Davis Dam to Parker Dam													
Monthly ET Rate Values (inches) from Fort_Mohave_Area_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74	62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09	38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68	43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00	33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93	21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00	28.43
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00	5.54
Lettuce-fall	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36	15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00	38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26	53.17
Citrus-young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07	24.31
Citrus-mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79	41.44
Citrus-declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25	28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00	25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00	40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53	13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36	12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34	67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00	33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56	53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52	17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38	11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09	52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47	30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00	34.22
Herbs (Miscellaneous)	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27	11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53	58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53	42.31
Riparian Vegetation Groups													
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64	67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74	12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51	54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52	61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52	64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52	62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56	65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54	47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66	59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59	56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54	55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60	58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69	51.14

2003 LCRAS		Sheet K, Page 1 of 3			Havasu State Park (Windsor Beach), AZ								
Davis Dam to Parker Dam													
Based on ETo values from the Mohave AZMET station, and averaged precipitation from the Mohave AZMET and Bullhead City NWS weather stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	123	96	166	280	451	540	506	451	447	261	75	63	3,458
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	5	4	19	38	48	54	51	45	45	15	3	3	331
Barren	58	45	54	43	52	59	55	49	49	39	24	34	561
Sc-low	38	30	55	123	225	279	261	233	230	130	29	16	1,648
Sc-high	4	3	7	15	27	32	30	27	27	15	3	2	192
Sc/ms	4	3	7	15	26	32	30	26	26	15	3	2	187
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	1	0	1	2	3	4	3	3	3	2	0	0	22
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	14	11	23	44	70	81	76	68	67	44	12	7	517

2003 LCRAS		Sheet K, Page 2 of 3			Havasu State Park (Windsor Beach), AZ							
Davis Dam to Parker Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	1,176.51	1,176.51	1,176.51	1,176.51	1,176.51	1,176.51	1,176.51	1,176.51	1,176.51	1,176.51	1,176.51	1,176.51
Marsh	58.53	58.53	58.53	58.53	58.53	58.53	58.53	58.53	58.53	58.53	58.53	58.53
Barren	552.76	552.76	552.76	552.76	552.76	552.76	552.76	552.76	552.76	552.76	552.76	552.76
Sc-low	366.07	366.07	366.07	366.07	366.07	366.07	366.07	366.07	366.07	366.07	366.07	366.07
Sc-high	37.56	37.56	37.56	37.56	37.56	37.56	37.56	37.56	37.56	37.56	37.56	37.56
Sc/ms	34.70	34.70	34.70	34.70	34.70	34.70	34.70	34.70	34.70	34.70	34.70	34.70
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	121.33	121.33	121.33	121.33	121.33	121.33	121.33	121.33	121.33	121.33	121.33	121.33

2003 LCRAS		Sheet K, Page 3 of 3			Havasu State Park (Windsor Beach), AZ								
Davis Dam to Parker Dam													
Monthly ET Rate Values (inches) from Fort_Mohave_Area_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74	62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09	38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68	43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00	33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93	21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00	28.43
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00	5.54
Lettuce-fall	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36	15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00	38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26	53.17
Citrus-young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07	24.31
Citrus-mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79	41.44
Citrus-declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25	28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00	25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00	40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53	13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36	12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34	67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00	33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56	53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52	17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38	11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09	52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47	30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00	34.22
Herbs (Miscellaneous)	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27	11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53	58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53	42.31
Riparian Vegetation Groups													
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64	67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74	12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51	54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52	61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52	64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52	62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56	65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54	47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66	59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59	56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54	55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60	58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69	51.14

2003 LCRAS		Sheet L, Page 1 of 3			Lake Mead National Recreation Area, AZ								
Davis Dam to Parker Dam													
Based on ETo values from the Mohave AZMET station, and averaged precipitation from the Mohave AZMET and Bullhead City NWS weather stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	13	10	17	28	46	55	51	46	45	29	8	7	355
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	6	5	6	4	5	6	6	5	5	4	2	4	58
Sc-low	2	2	3	8	14	17	16	14	14	8	2	1	103
Sc-high	1	1	1	3	5	5	5	5	4	3	1	0	32
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	1	1	2	4	7	8	8	7	7	5	1	1	53
Ms-high	0	0	1	1	2	2	2	2	2	1	0	0	15
Ms/aw	1	1	3	5	9	10	9	8	8	5	1	1	63
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	1	1	1	3	4	5	5	4	4	3	1	0	31

2003 LCRAS		Sheet L, Page 2 of 3			Lake Mead National Recreation Area, AZ							
Davis Dam to Parker Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	123.18	123.18	123.18	123.18	123.18	123.18	123.18	123.18	123.18	123.18	123.18	123.18
Marsh												
Barren	57.18	57.18	57.18	57.18	57.18	57.18	57.18	57.18	57.18	57.18	57.18	57.18
Sc-low	22.80	22.80	22.80	22.80	22.80	22.80	22.80	22.80	22.80	22.80	22.80	22.80
Sc-high	6.29	6.29	6.29	6.29	6.29	6.29	6.29	6.29	6.29	6.29	6.29	6.29
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	13.43	13.43	13.43	13.43	13.43	13.43	13.43	13.43	13.43	13.43	13.43	13.43
Ms-high	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94
Ms/aw	13.28	13.28	13.28	13.28	13.28	13.28	13.28	13.28	13.28	13.28	13.28	13.28
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	7.26	7.26	7.26	7.26	7.26	7.26	7.26	7.26	7.26	7.26	7.26	7.26

2003 LCRAS		Sheet L, Page 3 of 3			Lake Mead National Recreation Area, AZ								
Davis Dam to Parker Dam													
Monthly ET Rate Values (inches) from Fort_Mohave_Area_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74	62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09	38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68	43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00	33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93	21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00	28.43
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00	5.54
Lettuce-fall	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36	15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00	38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26	53.17
Citrus-young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07	24.31
Citrus-mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79	41.44
Citrus-declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25	28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00	25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00	40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53	13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36	12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34	67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00	33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56	53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52	17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38	11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09	52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47	30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00	34.22
Herbs (Miscellaneous)	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27	11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53	58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53	42.31
Riparian Vegetation Groups													
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64	67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74	12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51	54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52	61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52	64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52	62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56	65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54	47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66	59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59	56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54	55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60	58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69	51.14

2003 LCRAS		Sheet M, Page 1 of 3			Lake Mead National Recreation Area, NV								
Davis Dam to Parker Dam													
Based on ETo values from the Mohave AZMET station, and averaged precipitation from the Mohave AZMET and Bullhead City NWS weather stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	3	3	4	7	13	15	14	13	13	8	2	2	97
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	1	1	1	1	1	1	1	1	1	1	1	1	13
Sc-low	1	1	2	4	7	9	8	8	7	4	1	1	54
Sc-high	0	0	1	1	2	3	3	2	2	1	0	0	17
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	1	1	2	2	2	2	2	1	0	0	14

2003 LCRAS		Sheet M, Page 2 of 3			Lake Mead National Recreation Area, NV							
Davis Dam to Parker Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	31.06	31.06	31.06	31.06	31.06	31.06	31.06	31.06	31.06	31.06	31.06	31.06
Marsh												
Barren	12.69	12.69	12.69	12.69	12.69	12.69	12.69	12.69	12.69	12.69	12.69	12.69
Sc-low	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89
Sc-high	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24

2003 LCRAS		Sheet M, Page 3 of 3			Lake Mead National Recreation Area, NV								
Davis Dam to Parker Dam													
Monthly ET Rate Values (inches) from Fort_Mohave_Area_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74	62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09	38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68	43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00	33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93	21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00	28.43
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00	5.54
Lettuce-fall	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36	15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00	38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26	53.17
Citrus-young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07	24.31
Citrus-mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79	41.44
Citrus-declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25	28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00	25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00	40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53	13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36	12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34	67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00	33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56	53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52	17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38	11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09	52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47	30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00	34.22
Herbs (Miscellaneous)	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27	11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53	58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53	42.31
Riparian Vegetation Groups													
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64	67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74	12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51	54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52	61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52	64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52	62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56	65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54	47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66	59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59	56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54	55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60	58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69	51.14

2003 LCRAS		Sheet N, Page 1 of 3			Moabi Park, CA								
Davis Dam to Parker Dam													
Based on ETo values from the Mohave AZMET station, and averaged precipitation from the Mohave AZMET and Bullhead City NWS weather stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	11	9	13	17	27	32	30	27	27	17	6	6	222
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	8	6	8	6	7	8	8	7	7	6	3	5	79
Sc-low	2	2	3	8	14	18	16	15	14	8	2	1	104
Sc-high	0	0	1	1	2	3	3	2	2	1	0	0	18
Sc/ms	0	0	1	2	3	4	3	3	3	2	0	0	21
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	1

2003 LCRAS		Sheet N, Page 2 of 3			Moabi Park, CA							
Davis Dam to Parker Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	108.42	108.42	108.42	108.42	108.42	108.42	108.42	108.42	108.42	108.42	108.42	108.42
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	77.76	77.76	77.76	77.76	77.76	77.76	77.76	77.76	77.76	77.76	77.76	77.76
Sc-low	23.03	23.03	23.03	23.03	23.03	23.03	23.03	23.03	23.03	23.03	23.03	23.03
Sc-high	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45
Sc/ms	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27

2003 LCRAS		Sheet N, Page 3 of 3			Moabi Park, CA								
Davis Dam to Parker Dam													
Monthly ET Rate Values (inches) from Fort_Mohave_Area_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74	62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09	38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68	43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00	33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93	21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00	28.43
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00	5.54
Lettuce-fall	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36	15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00	38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26	53.17
Citrus-young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07	24.31
Citrus-mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79	41.44
Citrus-declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25	28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00	25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00	40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53	13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36	12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34	67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00	33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56	53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52	17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38	11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09	52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47	30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00	34.22
Herbs (Miscellaneous)	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27	11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53	58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53	42.31
Riparian Vegetation Groups													
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64	67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74	12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51	54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52	61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52	64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52	62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56	65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54	47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66	59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59	56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54	55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60	58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69	51.14

2003 LCRAS		Sheet O, Page 1 of 3			Mojave Valley Irrigation and Drainage District, AZ								
Davis Dam to Parker Dam													
Based on ETo values from the Mohave AZMET station, and averaged precipitation from the Mohave AZMET and Bullhead City NWS weather stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	830	579	1,135	2,070	2,583	2,962	3,053	2,838	2,913	1,252	470	745	21,429
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	863	671	1,261	2,481	4,262	5,133	4,808	4,289	4,245	2,498	623	401	31,535
Monthly ET Values, Crop Groups													
Alfalfa-perennial	730	503	925	1,584	2,017	2,152	2,048	1,944	2,137	1,188	459	714	16,400
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	78	184	463	686	751	661	55	0	0	2,879
Small Grain	99	76	165	230	80	0	0	0	0	0	10	30	690
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	48	118	139	130	114	110	6	0	0	667
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	43	126	178	201	183	24	0	0	0	0	754
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	1	0	2	4	5	6	6	5	5	4	1	1	40
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	2	1	7	14	18	20	19	17	16	6	1	1	122
Barren	216	168	202	161	192	218	204	182	182	146	89	127	2,086
Sc-low	253	197	364	810	1,481	1,834	1,718	1,533	1,515	858	191	102	10,854
Sc-high	151	117	263	588	1,030	1,231	1,153	1,028	1,018	572	125	62	7,337
Sc/ms	77	60	138	315	558	668	626	558	552	310	66	32	3,961
Sc/aw	14	11	25	55	98	117	109	98	97	54	12	6	694
Sc/ms/aw	10	8	20	43	74	88	83	74	73	47	11	5	536
Ms-low	9	7	14	27	44	52	48	43	43	29	7	4	325
Ms-high	16	13	31	67	108	124	116	104	103	67	17	9	775
Ms/aw	26	20	49	102	165	189	177	158	157	101	25	12	1,183
Aw	43	34	71	150	260	318	298	266	263	160	38	19	1,920
Cw	1	0	1	2	4	5	4	4	4	3	1	0	30
Low Veg	45	35	75	146	232	269	252	225	223	147	41	23	1,711

2003 LCRAS		Sheet O, Page 2 of 3			Mojave Valley Irrigation and Drainage District, AZ							
Davis Dam to Parker Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	4984.41	4984.41	4984.41	4984.41	4984.41	4984.41	4984.41	4984.41	4984.41	4984.41	4984.41	4984.41
* - Includes XX acres of timothy grass in the bermuda w/rye acreage.												
Alfalfa-perennial	3,126.74	3,126.74	3,126.74	3,126.74	3,126.74	3,126.74	3,126.74	3,126.74	3,126.74	3,126.74	3,126.74	3,126.74
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	1,029.08	1,029.08	1,029.08	1,029.08	1,029.08	1,029.08	1,029.08	1,029.08	1,029.08	1,029.08	1,029.08	1,029.08
Small Grain	383.96	383.96	383.96	383.96	383.96	383.96	383.96	383.96	383.96	383.96	383.96	383.96
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	209.62	209.62	209.62	209.62	209.62	209.62	209.62	209.62	209.62	209.62	209.62	209.62
Bermuda w/Rye*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	226.22	226.22	226.22	226.22	226.22	226.22	226.22	226.22	226.22	226.22	226.22	226.22
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	8.79	8.79	8.79	8.79	8.79	8.79	8.79	8.79	8.79	8.79	8.79	8.79
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	8,196.24	8,196.24	8,196.24	8,196.24	8,196.24	8,196.24	8,196.24	8,196.24	8,196.24	8,196.24	8,196.24	8,196.24
Marsh	21.56	21.56	21.56	21.56	21.56	21.56	21.56	21.56	21.56	21.56	21.56	21.56
Barren	2,056.96	2,056.96	2,056.96	2,056.96	2,056.96	2,056.96	2,056.96	2,056.96	2,056.96	2,056.96	2,056.96	2,056.96
Sc-low	2,410.76	2,410.76	2,410.76	2,410.76	2,410.76	2,410.76	2,410.76	2,410.76	2,410.76	2,410.76	2,410.76	2,410.76
Sc-high	1,436.56	1,436.56	1,436.56	1,436.56	1,436.56	1,436.56	1,436.56	1,436.56	1,436.56	1,436.56	1,436.56	1,436.56
Sc/ms	733.25	733.25	733.25	733.25	733.25	733.25	733.25	733.25	733.25	733.25	733.25	733.25
Sc/aw	132.40	132.40	132.40	132.40	132.40	132.40	132.40	132.40	132.40	132.40	132.40	132.40
Sc/ms/aw	97.75	97.75	97.75	97.75	97.75	97.75	97.75	97.75	97.75	97.75	97.75	97.75
Ms-low	81.66	81.66	81.66	81.66	81.66	81.66	81.66	81.66	81.66	81.66	81.66	81.66
Ms-high	156.35	156.35	156.35	156.35	156.35	156.35	156.35	156.35	156.35	156.35	156.35	156.35
Ms/aw	249.32	249.32	249.32	249.32	249.32	249.32	249.32	249.32	249.32	249.32	249.32	249.32
Aw	412.12	412.12	412.12	412.12	412.12	412.12	412.12	412.12	412.12	412.12	412.12	412.12
Cw	6.02	6.02	6.02	6.02	6.02	6.02	6.02	6.02	6.02	6.02	6.02	6.02
Low Veg	401.53	401.53	401.53	401.53	401.53	401.53	401.53	401.53	401.53	401.53	401.53	401.53

2003 LCRAS		Sheet O, Page 3 of 3			Mojave Valley Irrigation and Drainage District, AZ								
Davis Dam to Parker Dam													
Monthly ET Rate Values (inches) from Fort_Mohave_Area_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74	62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09	38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68	43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00	33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93	21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00	28.43
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00	5.54
Lettuce-fall	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36	15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00	38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26	53.17
Citrus-young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07	24.31
Citrus-mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79	41.44
Citrus-declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25	28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00	25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00	40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53	13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36	12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34	67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00	33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56	53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52	17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38	11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09	52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47	30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00	34.22
Herbs (Miscellaneous)	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27	11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53	58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53	42.31
Riparian Vegetation Groups													
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64	67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74	12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51	54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52	61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52	64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52	62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56	65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54	47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66	59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59	56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54	55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60	58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69	51.14

2003 LCRAS		Sheet P, Page 1 of 3			State of Arizona								
Davis Dam to Parker Dam													
Based on ETo values from the Mohave AZMET station, and averaged precipitation from the Mohave AZMET and Bullhead City NWS weather stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	154	120	187	293	476	573	537	479	474	289	89	80	3,751
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	1	1	6	11	14	16	15	13	13	5	1	1	98
Barren	87	68	81	65	77	88	82	73	73	59	36	51	838
Sc-low	45	35	65	145	265	328	307	274	271	154	34	18	1,943
Sc-high	3	2	5	12	20	24	23	20	20	11	2	1	144
Sc/ms	4	3	7	15	27	32	30	27	26	15	3	2	188
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	1
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	1	1	1	3	4	5	5	4	4	3	1	0	32
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	13	10	22	43	68	79	74	66	66	43	12	7	505

2003 LCRAS		Sheet P, Page 2 of 3			State of Arizona							
Davis Dam to Parker Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	1,464.43	1,464.43	1,464.43	1,464.43	1,464.43	1,464.43	1,464.43	1,464.43	1,464.43	1,464.43	1,464.43	1,464.43
Marsh	17.28	17.28	17.28	17.28	17.28	17.28	17.28	17.28	17.28	17.28	17.28	17.28
Barren	826.78	826.78	826.78	826.78	826.78	826.78	826.78	826.78	826.78	826.78	826.78	826.78
Sc-low	431.48	431.48	431.48	431.48	431.48	431.48	431.48	431.48	431.48	431.48	431.48	431.48
Sc-high	28.29	28.29	28.29	28.29	28.29	28.29	28.29	28.29	28.29	28.29	28.29	28.29
Sc/ms	34.88	34.88	34.88	34.88	34.88	34.88	34.88	34.88	34.88	34.88	34.88	34.88
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	6.95	6.95	6.95	6.95	6.95	6.95	6.95	6.95	6.95	6.95	6.95	6.95
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	118.50	118.50	118.50	118.50	118.50	118.50	118.50	118.50	118.50	118.50	118.50	118.50

2003 LCRAS		Sheet P, Page 3 of 3			State of Arizona								
Davis Dam to Parker Dam													
Monthly ET Rate Values (inches) from Fort_Mohave_Area_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74	62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09	38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68	43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00	33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93	21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00	28.43
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00	5.54
Lettuce-fall	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36	15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00	38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26	53.17
Citrus-young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07	24.31
Citrus-mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79	41.44
Citrus-declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25	28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00	25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00	40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53	13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36	12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34	67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00	33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56	53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52	17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38	11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09	52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47	30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00	34.22
Herbs (Miscellaneous)	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27	11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53	58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53	42.31
Riparian Vegetation Groups													
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64	67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74	12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51	54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52	61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52	64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52	62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56	65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54	47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66	59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59	56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54	55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60	58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69	51.14

2003 LCRAS		Sheet Q, Page 1 of 3			State of California								
Davis Dam to Parker Dam													
Based on ETo values from the Mohave AZMET station, and averaged precipitation from the Mohave AZMET and Bullhead City NWS weather stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	13	9	17	29	37	39	37	35	39	22	8	13	298
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	543	422	798	1,547	2,625	3,154	2,955	2,636	2,608	1,516	382	257	19,443
Monthly ET Values, Crop Groups													
Alfalfa-perennial	13	9	17	29	37	39	37	35	39	22	8	13	298
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	8	7	34	67	84	95	89	80	78	27	5	5	580
Barren	152	119	143	114	136	154	144	128	128	103	63	90	1,473
Sc-low	154	120	221	491	899	1,113	1,043	930	919	521	116	62	6,589
Sc-high	85	66	148	330	577	690	646	577	571	321	70	35	4,115
Sc/ms	72	56	130	297	525	628	589	525	519	291	62	30	3,725
Sc/aw	3	2	5	12	20	24	23	20	20	11	2	1	145
Sc/ms/aw	5	4	10	22	39	46	43	39	38	24	6	2	280
Ms-low	6	5	10	19	31	37	34	31	30	20	5	3	231
Ms-high	11	8	20	43	69	80	75	67	66	43	11	6	498
Ms/aw	3	2	6	12	19	22	21	19	19	12	3	1	140
Aw	4	3	7	15	26	32	30	27	26	16	4	2	192
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	39	30	65	126	200	232	217	194	192	126	35	20	1,476

2003 LCRAS		Sheet Q, Page 2 of 3			State of California							
Davis Dam to Parker Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	56.76	56.76	56.76	56.76	56.76	56.76	56.76	56.76	56.76	56.76	56.76	56.76
Alfalfa-perennial	56.76	56.76	56.76	56.76	56.76	56.76	56.76	56.76	56.76	56.76	56.76	56.76
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	5,167.54	5,167.54	5,167.54	5,167.54	5,167.54	5,167.54	5,167.54	5,167.54	5,167.54	5,167.54	5,167.54	5,167.54
Marsh	102.67	102.67	102.67	102.67	102.67	102.67	102.67	102.67	102.67	102.67	102.67	102.67
Barren	1,452.28	1,452.28	1,452.28	1,452.28	1,452.28	1,452.28	1,452.28	1,452.28	1,452.28	1,452.28	1,452.28	1,452.28
Sc-low	1,463.31	1,463.31	1,463.31	1,463.31	1,463.31	1,463.31	1,463.31	1,463.31	1,463.31	1,463.31	1,463.31	1,463.31
Sc-high	805.60	805.60	805.60	805.60	805.60	805.60	805.60	805.60	805.60	805.60	805.60	805.60
Sc/ms	689.54	689.54	689.54	689.54	689.54	689.54	689.54	689.54	689.54	689.54	689.54	689.54
Sc/aw	27.70	27.70	27.70	27.70	27.70	27.70	27.70	27.70	27.70	27.70	27.70	27.70
Sc/ms/aw	51.03	51.03	51.03	51.03	51.03	51.03	51.03	51.03	51.03	51.03	51.03	51.03
Ms-low	57.94	57.94	57.94	57.94	57.94	57.94	57.94	57.94	57.94	57.94	57.94	57.94
Ms-high	100.43	100.43	100.43	100.43	100.43	100.43	100.43	100.43	100.43	100.43	100.43	100.43
Ms/aw	29.50	29.50	29.50	29.50	29.50	29.50	29.50	29.50	29.50	29.50	29.50	29.50
Aw	41.18	41.18	41.18	41.18	41.18	41.18	41.18	41.18	41.18	41.18	41.18	41.18
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	346.36	346.36	346.36	346.36	346.36	346.36	346.36	346.36	346.36	346.36	346.36	346.36

2003 LCRAS		Sheet Q, Page 3 of 3			State of California								
Davis Dam to Parker Dam													
Monthly ET Rate Values (inches) from Fort_Mohave_Area_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74	62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09	38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68	43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00	33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93	21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00	28.43
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00	5.54
Lettuce-fall	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36	15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00	38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26	53.17
Citrus-young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07	24.31
Citrus-mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79	41.44
Citrus-declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25	28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00	25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00	40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53	13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36	12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34	67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00	33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56	53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52	17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38	11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09	52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47	30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00	34.22
Herbs (Miscellaneous)	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27	11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53	58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53	42.31
Riparian Vegetation Groups													
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64	67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74	12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51	54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52	61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52	64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52	62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56	65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54	47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66	59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59	56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54	55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60	58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69	51.14

2003 LCRAS		Sheet R, Page 1 of 3			State of Nevada								
Davis Dam to Parker Dam													
Based on ETo values from the Mohave AZMET station, and averaged precipitation from the Mohave AZMET and Bullhead City NWS weather stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	375	292	474	796	1,326	1,596	1,495	1,334	1,321	794	228	189	10,219
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	1	1	4	8	9	11	10	9	9	3	1	1	65
Barren	185	144	174	138	165	187	175	156	156	125	76	109	1,790
Sc-low	106	82	152	339	620	769	720	642	635	359	80	43	4,548
Sc-high	40	31	70	156	274	327	307	274	271	152	33	17	1,952
Sc/ms	15	11	26	60	106	127	119	106	105	59	13	6	751
Sc/aw	0	0	1	2	3	4	3	3	3	2	0	0	21
Sc/ms/aw	0	0	1	1	2	3	3	2	2	1	0	0	17
Ms-low	1	1	2	4	7	8	8	7	7	5	1	1	53
Ms-high	2	2	4	9	14	17	15	14	14	9	2	1	103
Ms/aw	3	2	5	11	18	21	20	18	18	11	3	1	133
Aw	1	0	1	2	3	4	4	3	3	2	0	0	25
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	20	15	34	65	103	120	112	100	99	65	18	10	762

2003 LCRAS		Sheet R, Page 2 of 3			State of Nevada							
Davis Dam to Parker Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	3,561.06	3,561.06	3,561.06	3,561.06	3,561.06	3,561.06	3,561.06	3,561.06	3,561.06	3,561.06	3,561.06	3,561.06
Marsh	11.58	11.58	11.58	11.58	11.58	11.58	11.58	11.58	11.58	11.58	11.58	11.58
Barren	1,764.98	1,764.98	1,764.98	1,764.98	1,764.98	1,764.98	1,764.98	1,764.98	1,764.98	1,764.98	1,764.98	1,764.98
Sc-low	1,010.13	1,010.13	1,010.13	1,010.13	1,010.13	1,010.13	1,010.13	1,010.13	1,010.13	1,010.13	1,010.13	1,010.13
Sc-high	382.14	382.14	382.14	382.14	382.14	382.14	382.14	382.14	382.14	382.14	382.14	382.14
Sc/ms	138.99	138.99	138.99	138.99	138.99	138.99	138.99	138.99	138.99	138.99	138.99	138.99
Sc/aw	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02
Sc/ms/aw	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09
Ms-low	13.30	13.30	13.30	13.30	13.30	13.30	13.30	13.30	13.30	13.30	13.30	13.30
Ms-high	20.81	20.81	20.81	20.81	20.81	20.81	20.81	20.81	20.81	20.81	20.81	20.81
Ms/aw	27.95	27.95	27.95	27.95	27.95	27.95	27.95	27.95	27.95	27.95	27.95	27.95
Aw	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	178.75	178.75	178.75	178.75	178.75	178.75	178.75	178.75	178.75	178.75	178.75	178.75

2003 LCRAS		Sheet R, Page 3 of 3			State of Nevada								
Davis Dam to Parker Dam													
Monthly ET Rate Values (inches) from Fort_Mohave_Area_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74	62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09	38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68	43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00	33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93	21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00	28.43
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00	5.54
Lettuce-fall	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36	15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00	38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26	53.17
Citrus-young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07	24.31
Citrus-mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79	41.44
Citrus-declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25	28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00	25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00	40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53	13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36	12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34	67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00	33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56	53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52	17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38	11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09	52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47	30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00	34.22
Herbs (Miscellaneous)	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27	11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53	58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53	42.31
Riparian Vegetation Groups													
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64	67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74	12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51	54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52	61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52	64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52	62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56	65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54	47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66	59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59	56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54	55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60	58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69	51.14

2003 LCRAS		Sheet S, Page 1 of 3			Bill Williams River, AZ								
Davis Dam to Parker Dam													
Based on ETo values from the Mohave AZMET station, and averaged precipitation from the Mohave AZMET and Bullhead City NWS weather stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	114	80	151	261	313	350	358	347	364	171	65	103	2,677
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	889	691	1,163	1,948	3,177	3,806	3,566	3,180	3,149	1,878	543	453	24,444
Monthly ET Values, Crop Groups													
Alfalfa-perennial	101	70	129	220	280	299	285	270	297	165	64	99	2,278
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	8	19	47	70	76	67	6	0	0	293
Small Grain	13	10	22	30	11	0	0	0	0	0	1	4	91
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	1	2	3	4	4	0	0	0	0	0	15
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation groups													
Marsh	17	13	67	132	166	188	176	157	155	53	10	11	1,144
Barren	438	340	410	327	389	441	413	368	368	295	181	257	4,228
Sc-low	225	175	324	720	1,317	1,632	1,528	1,364	1,348	763	170	91	9,657
Sc-high	60	47	104	233	408	488	457	408	404	227	49	25	2,911
Sc/ms	52	40	93	211	374	448	420	374	370	208	44	21	2,655
Sc/aw	0	0	1	2	3	4	3	3	3	2	0	0	21
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	24	18	39	74	120	142	133	118	117	79	19	10	894
Ms-high	4	3	8	17	27	31	29	26	26	17	4	2	195
Ms/aw	1	1	2	4	7	8	7	6	6	4	1	0	47
Aw	1	1	2	4	7	8	8	7	7	4	1	0	51
Cw	7	5	13	28	46	53	50	44	44	28	7	3	329
Low Veg	61	47	102	197	313	363	340	304	301	198	55	31	2,311

2003 LCRAS		Sheet S, Page 2 of 3			Bill Williams River, AZ							
Davis Dam to Parker Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	594.21	594.21	594.21	594.21	594.21	594.21	594.21	594.21	594.21	594.21	594.21	594.21
Alfalfa-perennial	434.40	434.40	434.40	434.40	434.40	434.40	434.40	434.40	434.40	434.40	434.40	434.40
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	104.67	104.67	104.67	104.67	104.67	104.67	104.67	104.67	104.67	104.67	104.67	104.67
Small Grain	50.77	50.77	50.77	50.77	50.77	50.77	50.77	50.77	50.77	50.77	50.77	50.77
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	8,476.09	8,476.09	8,476.09	8,476.09	8,476.09	8,476.09	8,476.09	8,476.09	8,476.09	8,476.09	8,476.09	8,476.09
Marsh	202.61	202.61	202.61	202.61	202.61	202.61	202.61	202.61	202.61	202.61	202.61	202.61
Barren	4,169.37	4,169.37	4,169.37	4,169.37	4,169.37	4,169.37	4,169.37	4,169.37	4,169.37	4,169.37	4,169.37	4,169.37
Sc-low	2,144.88	2,144.88	2,144.88	2,144.88	2,144.88	2,144.88	2,144.88	2,144.88	2,144.88	2,144.88	2,144.88	2,144.88
Sc-high	569.91	569.91	569.91	569.91	569.91	569.91	569.91	569.91	569.91	569.91	569.91	569.91
Sc/ms	491.47	491.47	491.47	491.47	491.47	491.47	491.47	491.47	491.47	491.47	491.47	491.47
Sc/aw	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	224.44	224.44	224.44	224.44	224.44	224.44	224.44	224.44	224.44	224.44	224.44	224.44
Ms-high	39.29	39.29	39.29	39.29	39.29	39.29	39.29	39.29	39.29	39.29	39.29	39.29
Ms/aw	9.88	9.88	9.88	9.88	9.88	9.88	9.88	9.88	9.88	9.88	9.88	9.88
Aw	10.97	10.97	10.97	10.97	10.97	10.97	10.97	10.97	10.97	10.97	10.97	10.97
Cw	67.03	67.03	67.03	67.03	67.03	67.03	67.03	67.03	67.03	67.03	67.03	67.03
Low Veg	542.23	542.23	542.23	542.23	542.23	542.23	542.23	542.23	542.23	542.23	542.23	542.23

2003 LCRAS		Sheet S, Page 3 of 3			Bill Williams River, AZ								
Davis Dam to Parker Dam													
Monthly ET Rate Values (inches) from Fort_Mohave_Area_03.xls.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.80	1.93	3.55	6.08	7.74	8.26	7.86	7.46	8.20	4.56	1.76	2.74	62.94
Alfalfa-annual	2.12	2.12	3.33	5.65	8.97	5.93	9.63	0.00	0.00	0.00	0.00	1.09	38.84
Alfalfa-seed	1.41	0.92	2.59	2.53	5.39	5.99	3.35	5.06	6.01	6.04	1.74	2.68	43.71
Cotton	0.00	0.00	0.00	0.91	2.15	5.40	8.00	8.76	7.71	0.64	0.00	0.00	33.57
Small Grain	3.10	2.37	5.17	7.19	2.51	0.00	0.00	0.00	0.00	0.00	0.31	0.93	21.58
Field Grain	0.00	0.00	1.47	5.90	9.90	9.74	1.42	0.00	0.00	0.00	0.00	0.00	28.43
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	2.06	0.00	5.54
Lettuce-fall	3.37	2.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	7.78
Melons-spring	0.00	-0.41	2.99	6.48	8.24	5.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.60	5.56	2.28	1.36	15.01
Bermuda	0.00	0.00	0.00	2.76	6.78	7.97	7.47	6.55	6.30	0.33	0.00	0.00	38.16
Bermuda w/ rye	3.31	1.57	3.44	2.76	6.78	7.97	7.47	6.55	6.30	2.76	2.00	2.26	53.17
Citrus-young	1.51	0.23	1.60	2.42	2.90	3.20	3.00	2.68	2.71	2.12	0.87	1.07	24.31
Citrus-mature	2.57	1.02	2.83	4.03	4.84	5.34	5.00	4.46	4.52	3.54	1.50	1.79	41.44
Citrus-declining	1.78	0.43	1.91	2.82	3.38	3.74	3.50	3.12	3.16	2.47	1.03	1.25	28.59
Tomatoes	0.00	0.87	3.98	7.71	9.21	3.76	0.00	0.00	0.00	0.00	0.00	0.00	25.53
Sudan	0.00	0.00	2.28	6.66	9.42	10.68	9.72	1.25	0.00	0.00	0.00	0.00	40.01
Legume/Solanum Veg	3.93	2.12	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.65	2.53	13.69
Crucifers	3.74	1.92	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.55	1.35	2.36	12.24
Dates	3.25	1.71	4.51	6.61	8.26	9.27	8.59	7.57	7.42	5.35	2.13	2.34	67.01
Safflower	0.00	0.16	3.50	7.72	10.22	10.31	1.81	0.00	0.00	0.00	0.00	0.00	33.72
Orchards	1.64	0.38	2.51	4.81	7.09	8.11	7.60	6.78	6.72	4.90	1.89	1.56	53.99
Small Vegetables	3.71	1.99	3.76	0.00	0.00	0.00	0.00	0.00	1.31	2.31	1.76	2.52	17.36
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.35	2.41	2.38	11.85
Perennial Vegetables	1.58	0.33	2.01	4.81	7.69	8.74	8.19	7.30	6.38	3.59	0.96	1.09	52.67
Sugar Beets	4.00	2.21	4.90	6.80	6.06	0.17	0.00	0.00	0.79	2.06	1.47	2.47	30.93
Grapes	0.00	-0.41	1.22	4.22	6.98	7.96	7.12	4.99	2.14	0.00	0.00	0.00	34.22
Herbs (Miscellaneous)	3.39	1.74	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.32	2.27	11.50
Moist Soil Unit	3.73	2.00	4.46	6.48	4.60	3.14	9.41	8.84	5.29	5.66	2.29	2.53	58.43
Seasonal Wetland	3.73	2.00	3.40	3.74	3.56	2.42	4.40	4.31	4.27	5.66	2.29	2.53	42.31
Riparian Vegetation Groups													
Marsh	0.99	0.77	3.95	7.81	9.82	11.14	10.44	9.31	9.16	3.15	0.60	0.64	67.78
Barren	1.26	0.98	1.18	0.94	1.12	1.27	1.19	1.06	1.06	0.85	0.52	0.74	12.17
Sc-low	1.26	0.98	1.81	4.03	7.37	9.13	8.55	7.63	7.54	4.27	0.95	0.51	54.03
Sc-high	1.26	0.98	2.20	4.91	8.60	10.28	9.63	8.59	8.50	4.78	1.04	0.52	61.29
Sc/ms	1.26	0.98	2.26	5.16	9.14	10.93	10.25	9.14	9.04	5.07	1.08	0.52	64.83
Sc/aw	1.26	0.98	2.23	5.03	8.85	10.58	9.91	8.84	8.75	4.91	1.06	0.52	62.92
Sc/ms/aw	1.26	0.98	2.44	5.29	9.11	10.86	10.18	9.07	8.99	5.72	1.31	0.56	65.77
Ms-low	1.26	0.98	2.08	3.97	6.41	7.58	7.10	6.33	6.28	4.21	1.04	0.54	47.78
Ms-high	1.26	0.98	2.40	5.12	8.29	9.53	8.93	7.96	7.89	5.13	1.34	0.66	59.49
Ms/aw	1.26	0.98	2.35	4.93	7.93	9.11	8.53	7.61	7.54	4.87	1.22	0.59	56.92
Aw	1.26	0.98	2.08	4.38	7.56	9.27	8.68	7.74	7.67	4.66	1.10	0.54	55.92
Cw	1.26	0.98	2.34	4.93	8.17	9.53	8.93	7.96	7.89	5.08	1.27	0.60	58.94
Low Veg	1.34	1.04	2.25	4.35	6.92	8.04	7.53	6.72	6.66	4.38	1.22	0.69	51.14

Parker Dam to Imperial Dam

ET Table

2003 LCRAS	Sheet A - Annual Summary Table		
Parker Dam to Imperial Dam			
This sheet presents the evapotranspiration (ET) from crops and riparian vegetation in acre-feet for each agricultural diverter, and evaporation (also in acre-feet).			
Diverter	Evapotranspiration from Agriculture (ETag)	Evapotranspiration from Riparian Vegetation (ETrv)	Evaporation
Arkelian Farm, AZ	0	2,512	
Bernal Farm, CA	0	1,209	
Cibola Valley Irrigation and Drainage District, AZ	14,095	7,728	
Cibola National Wildlife Refuge, AZ	7,534	47,326	
Cibola National Wildlife Refuge, CA	0	19,469	
Clark Farm, CA	602	131	
Colorado River Indian Reservation, AZ	335,719	136,924	
Colorado River Indian Reservation, CA	0	34,648	
Ehrenberg Farm, AZ	2,376	0	
Imperial National Wildlife Refuge, AZ	0	35,586	
Imperial National Wildlife Refuge, CA	0	22,855	
North Lyn-de Farm, CA	809	1	
Palo Verde Irrigation District, AZ	638	571	
Palo Verde Irrigation District, CA	367,813	8,470	
Picacho State Recreation Area, CA	0	5,083	
South Lyn-de Farm, CA	557	2	
State of Arizona	0	22,548	
State of California	985	28,783	
Diverter Name	0	0	
Senator Wash			1,522
Cibola Lake			970
Mainstream Lake and River			64,206
Reach Totals	731,128	373,846	66,698

2003 LCRAS		Sheet B				ET Monthly Summary Tables							
Parker Dam to Imperial Dam													
(All values in Acre-Feet)						Evapotranspiration from Agriculture (ETag)							
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total	22,207	25,230	45,375	73,755	92,095	100,565	104,361	95,783	84,977	42,370	19,976	24,435	731,129
Diverter													
Arkelian Farm, AZ	0	0	0	0	0	0	0	0	0	0	0	0	0
Bernal Farm, CA	0	0	0	0	0	0	0	0	0	0	0	0	0
Cibola Valley Irrigation and Drainage District, AZ	228	266	442	938	1,435	2,091	2,643	2,720	2,213	614	226	280	14,095
Cibola National Wildlife Refuge, AZ	241	258	503	854	1,040	1,013	1,026	924	720	475	233	247	7,534
Cibola National Wildlife Refuge, CA	0	0	0	0	0	0	0	0	0	0	0	0	0
Clark Farm, CA	19	23	37	60	76	79	78	74	70	41	19	24	602
Colorado River Indian Reservation, AZ	10,353	11,923	21,457	34,951	43,034	46,254	47,608	41,994	37,729	19,605	9,271	11,540	335,719
Colorado River Indian Reservation, CA	0	0	0	0	0	0	0	0	0	0	0	0	0
Ehrenberg Farm, AZ	35	39	70	153	236	366	476	469	369	93	33	38	2,376
Imperial National Wildlife Refuge, AZ	0	0	0	0	0	0	0	0	0	0	0	0	0
Imperial National Wildlife Refuge, CA	0	0	0	0	0	0	0	0	0	0	0	0	0
North Lyn-de Farm, CA	26	31	50	81	102	106	106	100	94	55	26	32	809
Palo Verde Irrigation District, AZ	14	16	26	48	67	90	109	111	94	33	13	17	638
Palo Verde Irrigation District, CA	11,234	12,621	22,676	36,517	45,916	50,362	52,115	49,209	43,528	21,338	10,098	12,201	367,813
Picacho State Recreation Area, CA	0	0	0	0	0	0	0	0	0	0	0	0	0
South Lyn-de Farm, CA	18	21	35	55	70	73	73	69	65	38	18	22	557
State of Arizona	0	0	0	0	0	0	0	0	0	0	0	0	0
State of California	40	33	78	98	119	131	127	113	97	78	38	34	985
Diverter Name	0	0	0	0	0	0	0	0	0	0	0	0	0
						Evapotranspiration from Riparian Vegetation (ETrv)							
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total	7,014	7,014	16,630	31,830	52,049	60,782	59,334	53,052	44,789	28,444	8,519	4,389	373,844
Diverter													
Arkelian Farm, AZ	57	57	118	208	342	401	391	350	295	195	62	36	2,512
Bernal Farm, CA	20	20	49	100	170	200	195	174	147	94	27	12	1,209
Cibola Valley Irrigation and Drainage District, AZ	144	144	338	651	1,076	1,254	1,224	1,094	924	606	183	89	7,728
Cibola National Wildlife Refuge, AZ	776	776	1,975	4,026	6,685	7,813	7,626	6,818	5,756	3,593	1,018	464	47,326
Cibola National Wildlife Refuge, CA	319	319	794	1,634	2,752	3,227	3,150	2,816	2,378	1,477	415	188	19,469
Clark Farm, CA	3	3	6	11	18	21	20	18	15	10	3	2	131
Colorado River Indian Reservation, AZ	2,610	2,610	6,087	11,579	18,992	22,165	21,637	19,347	16,340	10,678	3,245	1,634	136,924
Colorado River Indian Reservation, CA	677	677	1,544	2,915	4,800	5,617	5,483	4,903	4,140	2,662	807	423	34,648
Ehrenberg Farm, AZ	0	0	0	0	0	0	0	0	0	0	0	0	0
Imperial National Wildlife Refuge, AZ	625	625	1,625	3,148	5,002	5,820	5,682	5,080	4,285	2,557	740	397	35,586
Imperial National Wildlife Refuge, CA	401	401	1,051	2,030	3,213	3,739	3,650	3,263	2,752	1,629	470	256	22,855
North Lyn-de Farm, CA	0	0	0	0	0	0	0	0	0	0	0	0	1
Palo Verde Irrigation District, AZ	10	10	25	50	80	93	91	81	69	44	13	6	571
Palo Verde Irrigation District, CA	192	192	410	715	1,152	1,344	1,312	1,173	991	649	212	126	8,470
Picacho State Recreation Area, CA	94	94	233	444	709	828	808	722	609	370	110	60	5,083
South Lyn-de Farm, CA	0	0	0	0	0	0	0	0	0	0	0	0	2
State of Arizona	484	484	1,055	1,899	3,094	3,620	3,534	3,160	2,667	1,703	537	312	22,548
State of California	601	601	1,321	2,419	3,963	4,641	4,530	4,051	3,420	2,177	677	384	28,783
Diverter Name	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS			Sheet C				Evaporation							
Parker Dam to Imperial Dam														
E, Open-Water Evaporation (Surface Evaporation = acres X ((evaporation - precipitation)/12)))														
		January	Frbruary	March	April	May	June	July	August	September	October	November	December	Annual
Total		1,804.87	1,170.01	4,353.46	6,952.02	8,509.35	9,698.62	9,222.48	8,231.00	6,798.31	5,797.03	2,595.84	1,565.49	66,698
Colorado River, Sec1 (2)	acres	4,008.00	4,008.00	4,008.00	4,008.00	4,008.00	4,008.00	4,008.00	4,008.00	4,008.00	4,008.00	4,008.00	4,008.00	
	Ac-ft	553.77	358.98	1,335.73	2,133.02	2,610.84	2,975.74	2,829.65	2,525.44	2,085.86	1,778.65	796.46	480.33	20,464
Colorado River, Sec2 (2)	acres	3,966.00	3,966.00	3,966.00	3,966.00	3,966.00	3,966.00	3,966.00	3,966.00	3,966.00	3,966.00	3,966.00	3,966.00	
	Ac-ft	547.97	355.22	1,321.74	2,110.67	2,583.49	2,944.56	2,800.00	2,498.98	2,064.01	1,760.01	788.11	475.29	20,250
Colorado River, Sec3 (2)	acres	4,601.00	4,601.00	4,601.00	4,601.00	4,601.00	4,601.00	4,601.00	4,601.00	4,601.00	4,601.00	4,601.00	4,601.00	
	Ac-ft	635.70	412.10	1,533.36	2,448.61	2,997.13	3,416.01	3,248.31	2,899.09	2,394.48	2,041.81	914.30	551.39	23,492
Senator Wash	acres	298.00	298.00	298.00	298.00	298.00	298.00	298.00	298.00	298.00	298.00	298.00	298.00	
	Ac-ft	41.17	26.69	99.31	158.59	194.12	221.25	210.39	187.77	155.09	132.24	59.22	35.71	1,522
Cibola Lake	acres	190.00	190.00	190.00	190.00	190.00	190.00	190.00	190.00	190.00	190.00	190.00	190.00	
	Ac-ft	26.25	17.02	63.32	101.12	123.77	141.07	134.14	119.72	98.88	84.32	37.76	22.77	970
----------	acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Ac-ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
(2) - Colorado River Sec 1 is Parker Dam to Palo Verde Dam; Colorado River Sec 2 is Palo Verde Dam to Imperial NWR; & Colorado River Sec 3 is Imperial NWR to Imperial Dam														
Evaporation coefficient, monthly (Jensen, 2002)														
		0.68	0.72	0.83	0.93	0.91	0.93	0.92	0.92	0.93	0.97	0.98	0.77	
Reference ET, inches			(THESE VALUES FROM ANOTHER WORKSHEET)											
CRIT-PVID (averaged)		2.85	2.84	5.24	6.91	8.59	9.58	9.35	8.36	7.07	5.49	2.77	2.53	71.58
Yuma Area (Averaged)		2.85	2.84	5.24	6.91	8.59	9.58	9.35	8.36	7.07	5.49	2.77	2.53	71.58
Evaporation, inches (Evaporation = Reference ET X Evaporation coefficient)														
CRIT-PVID (averaged)		1.94	2.04	4.35	6.43	7.82	8.91	8.60	7.69	6.58	5.33	2.71	1.95	64.34
Yuma Area (Averaged)		1.94	2.04	4.35	6.43	7.82	8.91	8.60	7.69	6.58	5.33	2.71	1.95	64.34
Precipitation, inches			(THESE VALUES FROM ANOTHER WORKSHEET)											
CRIT-PVID (averaged)		0.28	0.97	0.35	0.04	0.00	0.00	0.13	0.13	0.33	0.00	0.33	0.51	3.07
Yuma Area (Averaged)		0.28	0.97	0.35	0.04	0.00	0.00	0.13	0.13	0.33	0.00	0.33	0.51	3.07
Open-Water Evaporation Within District and Shared Canal Evaporation (3)														
[added to Diverters Ag ET; Surface Evaporation = acres X ((evaporation - precipitation/12))]														
(All values in acre-feet)		January	February	March	April	May	June	July	August	September	October	November	December	Total
CRIR, AZ	acres	279.29	279.29	279.29	279.29	279.29	279.29	279.29	279.29	279.29	279.29	279.29	279.29	
(see Sheet O)	Ac-ft	38.59	25.02	93.08	148.64	181.93	207.36	197.18	175.98	145.35	123.94	55.50	33.47	1,426
PVID, CA	acres	712.64	712.64	712.64	712.64	712.64	712.64	712.64	712.64	712.64	712.64	712.64	712.64	
(see Sheet V)	Ac-ft	98.46	63.83	237.50	379.26	464.22	529.10	503.12	449.03	370.88	316.25	141.61	85.40	3,639
(3) - Open water surface area of larger canals, distribution laterals, and storage ponds distinguishable on 10 meter IRS imagery														

2003 LCRAS		Sheet D, Page 1 of 3				Arkelian Farm, AZ							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	57	57	118	208	342	401	391	350	295	195	62	36	2,512
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	18	18	24	19	22	24	24	21	18	16	11	14	228
Sc-low	10	10	21	46	83	101	99	88	75	45	12	6	598
Sc-high	6	6	16	34	59	69	68	61	51	31	8	3	412
Sc/ms	2	2	6	14	24	28	28	25	21	13	3	1	167
Sc/aw	2	2	5	12	20	24	23	21	18	11	3	1	143
Sc/ms/aw	1	1	2	3	6	7	6	6	5	3	1	0	40
Ms-low	11	11	26	48	76	88	86	77	65	47	14	6	554
Ms-high	0	0	1	3	5	5	5	4	4	3	1	0	32
Ms/aw	1	1	1	3	5	5	5	5	4	3	1	0	33
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	6	6	14	27	42	48	47	42	36	25	8	4	305

2003 LCRAS		Sheet D, Page 2 of 3			Arkelian Farm, AZ							
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	718.30	718.30	718.30	718.30	718.30	718.30	718.30	718.30	718.30	718.30	718.30	718.30
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	224.39	224.39	224.39	224.39	224.39	224.39	224.39	224.39	224.39	224.39	224.39	224.39
Sc-low	130.43	130.43	130.43	130.43	130.43	130.43	130.43	130.43	130.43	130.43	130.43	130.43
Sc-high	79.19	79.19	79.19	79.19	79.19	79.19	79.19	79.19	79.19	79.19	79.19	79.19
Sc/ms	30.37	30.37	30.37	30.37	30.37	30.37	30.37	30.37	30.37	30.37	30.37	30.37
Sc/aw	26.68	26.68	26.68	26.68	26.68	26.68	26.68	26.68	26.68	26.68	26.68	26.68
Sc/ms/aw	7.13	7.13	7.13	7.13	7.13	7.13	7.13	7.13	7.13	7.13	7.13	7.13
Ms-low	136.68	136.68	136.68	136.68	136.68	136.68	136.68	136.68	136.68	136.68	136.68	136.68
Ms-high	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33
Ms/aw	6.73	6.73	6.73	6.73	6.73	6.73	6.73	6.73	6.73	6.73	6.73	6.73
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	70.37	70.37	70.37	70.37	70.37	70.37	70.37	70.37	70.37	70.37	70.37	70.37

2003 LCRAS		Sheet D, Page 3 of 3			Arkelian Farm, AZ								
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

2003 LCRAS		Sheet E, Page 1 of 3				Bernal Farm, CA							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	20	20	49	100	170	200	195	174	147	94	27	12	1,209
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	2	2	3	2	2	3	3	2	2	2	1	2	26
Sc-low	1	1	2	5	8	10	10	9	7	5	1	1	60
Sc-high	2	2	6	13	22	26	26	23	19	12	3	1	157
Sc/ms	4	4	11	24	42	50	49	44	37	22	6	2	295
Sc/aw	2	2	4	9	16	19	19	17	14	9	2	1	115
Sc/ms/aw	3	3	7	16	27	31	30	27	23	16	4	2	188
Ms-low	1	1	2	3	4	5	5	4	4	3	1	0	32
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	3	3	8	17	29	34	34	30	25	16	5	2	207
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	2	2	6	11	18	20	20	18	15	11	4	2	129

2003 LCRAS		Sheet E, Page 2 of 3				Bernal Farm, CA						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	258.52	258.52	258.52	258.52	258.52	258.52	258.52	258.52	258.52	258.52	258.52	258.52
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41
Sc-low	13.02	13.02	13.02	13.02	13.02	13.02	13.02	13.02	13.02	13.02	13.02	13.02
Sc-high	30.15	30.15	30.15	30.15	30.15	30.15	30.15	30.15	30.15	30.15	30.15	30.15
Sc/ms	53.55	53.55	53.55	53.55	53.55	53.55	53.55	53.55	53.55	53.55	53.55	53.55
Sc/aw	21.46	21.46	21.46	21.46	21.46	21.46	21.46	21.46	21.46	21.46	21.46	21.46
Sc/ms/aw	33.67	33.67	33.67	33.67	33.67	33.67	33.67	33.67	33.67	33.67	33.67	33.67
Ms-low	7.98	7.98	7.98	7.98	7.98	7.98	7.98	7.98	7.98	7.98	7.98	7.98
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	43.57	43.57	43.57	43.57	43.57	43.57	43.57	43.57	43.57	43.57	43.57	43.57
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	29.71	29.71	29.71	29.71	29.71	29.71	29.71	29.71	29.71	29.71	29.71	29.71

2003 LCRAS		Sheet E, Page 3 of 3				Bernal Farm, CA							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

2003 LCRAS		Sheet F, Page 1 of 3				Cibola Valley Irrigation and Drainage District, AZ							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	228	266	442	938	1,435	2,091	2,643	2,720	2,213	614	226	280	14,095
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	144	144	338	651	1,076	1,254	1,224	1,094	924	606	183	89	7,728
Monthly ET Values, Crop Groups													
Alfalfa-perennial	228	266	439	702	890	926	919	871	821	482	226	280	7,050
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	180	416	1,016	1,579	1,730	1,295	126	0	0	6,342
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	49	118	137	134	117	96	6	0	0	657
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	3	8	11	12	11	2	0	0	0	0	46
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	23	23	32	24	29	32	31	28	24	21	15	18	301
Sc-low	8	8	17	36	64	78	76	68	58	35	9	4	461
Sc-high	29	29	73	158	273	321	313	280	236	142	37	16	1,908
Sc/ms	10	10	25	56	98	115	113	101	85	51	13	5	682
Sc/aw	5	5	14	30	52	61	60	53	45	27	7	3	362
Sc/ms/aw	2	2	7	14	24	28	27	24	20	14	4	1	167
Ms-low	22	22	52	96	154	178	174	156	132	94	28	12	1,120
Ms-high	5	5	13	26	42	47	46	41	35	24	8	3	294
Ms/aw	6	6	17	34	55	62	60	54	45	31	10	4	384
Aw	8	8	20	41	70	84	82	73	62	40	12	5	504
Cw	13	13	36	74	121	139	136	121	102	71	21	8	856
Low Veg	13	13	32	60	95	108	106	95	80	56	19	9	687

2003 LCRAS		Sheet F, Page 2 of 3				Cibola Valley Irrigation and Drainage District, AZ						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	3,758.13	3,758.13	3,758.13	3,758.13	3,758.13	3,758.13	3,758.13	3,758.13	3,758.13	3,758.13	3,758.13	3,758.13
Alfalfa-perennial	1,322.98	1,322.98	1,322.98	1,322.98	1,322.98	1,322.98	1,322.98	1,322.98	1,322.98	1,322.98	1,322.98	1,322.98
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	2,220.83	2,220.83	2,220.83	2,220.83	2,220.83	2,220.83	2,220.83	2,220.83	2,220.83	2,220.83	2,220.83	2,220.83
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	201.29	201.29	201.29	201.29	201.29	201.29	201.29	201.29	201.29	201.29	201.29	201.29
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	13.03	13.03	13.03	13.03	13.03	13.03	13.03	13.03	13.03	13.03	13.03	13.03
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	1,834.47	1,834.47	1,834.47	1,834.47	1,834.47	1,834.47	1,834.47	1,834.47	1,834.47	1,834.47	1,834.47	1,834.47
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	296.46	296.46	296.46	296.46	296.46	296.46	296.46	296.46	296.46	296.46	296.46	296.46
Sc-low	100.62	100.62	100.62	100.62	100.62	100.62	100.62	100.62	100.62	100.62	100.62	100.62
Sc-high	366.57	366.57	366.57	366.57	366.57	366.57	366.57	366.57	366.57	366.57	366.57	366.57
Sc/ms	123.90	123.90	123.90	123.90	123.90	123.90	123.90	123.90	123.90	123.90	123.90	123.90
Sc/aw	67.74	67.74	67.74	67.74	67.74	67.74	67.74	67.74	67.74	67.74	67.74	67.74
Sc/ms/aw	29.84	29.84	29.84	29.84	29.84	29.84	29.84	29.84	29.84	29.84	29.84	29.84
Ms-low	276.33	276.33	276.33	276.33	276.33	276.33	276.33	276.33	276.33	276.33	276.33	276.33
Ms-high	58.15	58.15	58.15	58.15	58.15	58.15	58.15	58.15	58.15	58.15	58.15	58.15
Ms/aw	79.45	79.45	79.45	79.45	79.45	79.45	79.45	79.45	79.45	79.45	79.45	79.45
Aw	106.18	106.18	106.18	106.18	106.18	106.18	106.18	106.18	106.18	106.18	106.18	106.18
Cw	170.99	170.99	170.99	170.99	170.99	170.99	170.99	170.99	170.99	170.99	170.99	170.99
Low Veg	158.24	158.24	158.24	158.24	158.24	158.24	158.24	158.24	158.24	158.24	158.24	158.24

2003 LCRAS		Sheet F, Page 3 of 3				Cibola Valley Irrigation and Drainage District, AZ							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

2003 LCRAS		Sheet G, Page 1 of 3				Cibola National Wildlife Refuge, AZ							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	241	258	503	854	1,040	1,013	1,026	924	720	475	233	247	7,534
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	776	776	1,975	4,026	6,685	7,813	7,626	6,818	5,756	3,593	1,018	464	47,326
Monthly ET Values, Crop Groups													
Alfalfa-perennial	114	133	220	352	446	465	461	437	412	242	113	140	3,537
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	13	16	33	43	15	0	0	0	0	0	2	4	127
Field Grain	0	0	41	146	241	233	35	0	0	0	0	0	696
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	37	91	105	102	90	74	4	0	0	503
Bermuda w/ rye	12	10	19	14	34	40	39	34	28	13	11	10	265
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	10	8	25	43	62	70	68	61	51	40	18	11	465
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	91	91	164	218	151	101	320	302	155	176	89	81	1,940
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	24	24	139	267	331	369	361	322	270	101	22	20	2,251
Barren	48	48	67	51	60	67	66	59	50	43	31	38	628
Sc-low	67	67	141	304	549	667	651	582	491	298	80	36	3,935
Sc-high	159	159	404	877	1,514	1,778	1,736	1,552	1,310	789	206	86	10,571
Sc/ms	122	122	317	705	1,232	1,448	1,413	1,264	1,066	640	166	66	8,561
Sc/aw	56	56	144	315	547	643	627	561	473	284	74	30	3,809
Sc/ms/aw	26	26	72	152	257	301	294	263	222	151	42	15	1,822
Ms-low	56	56	135	249	397	461	449	402	340	243	73	32	2,892
Ms-high	43	43	120	249	398	449	438	392	332	230	73	30	2,798
Ms/aw	36	36	99	201	320	361	352	315	266	184	56	23	2,249
Aw	70	70	168	344	587	706	689	616	521	338	97	40	4,248
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	68	68	168	313	492	562	549	490	415	291	98	47	3,563

2003 LCRAS		Sheet G, Page 2 of 3				Cibola National Wildlife Refuge, AZ						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	1710.65	1710.65	1710.65	1710.65	1710.65	1710.65	1710.65	1710.65	1710.65	1710.65	1710.65	1710.65
* - Includes XX acres of timothy grass in bermuda w/rye acreage.												
Alfalfa-perennial	663.74	663.74	663.74	663.74	663.74	663.74	663.74	663.74	663.74	663.74	663.74	663.74
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	68.59	68.59	68.59	68.59	68.59	68.59	68.59	68.59	68.59	68.59	68.59	68.59
Field Grain	280.46	280.46	280.46	280.46	280.46	280.46	280.46	280.46	280.46	280.46	280.46	280.46
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	154.18	154.18	154.18	154.18	154.18	154.18	154.18	154.18	154.18	154.18	154.18	154.18
Bermuda w/Rye	58.67	58.67	58.67	58.67	58.67	58.67	58.67	58.67	58.67	58.67	58.67	58.67
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	100.61	100.61	100.61	100.61	100.61	100.61	100.61	100.61	100.61	100.61	100.61	100.61
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	384.40	384.40	384.40	384.40	384.40	384.40	384.40	384.40	384.40	384.40	384.40	384.40
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	9936.41	9936.41	9936.41	9936.41	9936.41	9936.41	9936.41	9936.41	9936.41	9936.41	9936.41	9936.41
Marsh	389.10	389.10	389.10	389.10	389.10	389.10	389.10	389.10	389.10	389.10	389.10	389.10
Barren	619.12	619.12	619.12	619.12	619.12	619.12	619.12	619.12	619.12	619.12	619.12	619.12
Sc-low	858.08	858.08	858.08	858.08	858.08	858.08	858.08	858.08	858.08	858.08	858.08	858.08
Sc-high	2030.61	2030.61	2030.61	2030.61	2030.61	2030.61	2030.61	2030.61	2030.61	2030.61	2030.61	2030.61
Sc/ms	1554.47	1554.47	1554.47	1554.47	1554.47	1554.47	1554.47	1554.47	1554.47	1554.47	1554.47	1554.47
Sc/aw	712.57	712.57	712.57	712.57	712.57	712.57	712.57	712.57	712.57	712.57	712.57	712.57
Sc/ms/aw	325.89	325.89	325.89	325.89	325.89	325.89	325.89	325.89	325.89	325.89	325.89	325.89
Ms-low	713.41	713.41	713.41	713.41	713.41	713.41	713.41	713.41	713.41	713.41	713.41	713.41
Ms-high	553.27	553.27	553.27	553.27	553.27	553.27	553.27	553.27	553.27	553.27	553.27	553.27
Ms/aw	464.84	464.84	464.84	464.84	464.84	464.84	464.84	464.84	464.84	464.84	464.84	464.84
Aw	894.32	894.32	894.32	894.32	894.32	894.32	894.32	894.32	894.32	894.32	894.32	894.32
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	820.73	820.73	820.73	820.73	820.73	820.73	820.73	820.73	820.73	820.73	820.73	820.73

2003 LCRAS		Sheet G, Page 3 of 3				Cibola National Wildlife Refuge, AZ							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

2003 LCRAS		Sheet H, Page 1 of 3				Cibola National Wildlife Refuge, CA							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	319	319	794	1,634	2,752	3,227	3,150	2,816	2,378	1,477	415	188	19,469
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	6	6	35	67	83	92	90	81	68	25	6	5	563
Barren	19	19	27	20	24	27	26	23	20	17	12	15	249
Sc-low	38	38	79	170	308	374	365	326	275	167	45	20	2,206
Sc-high	99	99	252	547	944	1,109	1,083	968	817	492	129	54	6,592
Sc/ms	36	36	93	207	362	426	416	372	314	188	49	19	2,518
Sc/aw	25	25	65	142	247	291	284	254	214	129	34	14	1,723
Sc/ms/aw	10	10	27	56	96	112	110	98	83	56	16	6	678
Ms-low	10	10	25	45	72	84	82	73	62	44	13	6	528
Ms-high	12	12	33	69	110	124	121	108	91	63	20	8	771
Ms/aw	8	8	23	46	73	82	80	72	61	42	13	5	513
Aw	25	25	61	125	212	255	249	223	188	122	35	15	1,536
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	31	31	75	140	220	251	245	219	186	130	44	21	1,592

2003 LCRAS		Sheet H, Page 2 of 3				Cibola National Wildlife Refuge, CA						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	4,070.23	4,070.23	4,070.23	4,070.23	4,070.23	4,070.23	4,070.23	4,070.23	4,070.23	4,070.23	4,070.23	4,070.23
Marsh	97.33	97.33	97.33	97.33	97.33	97.33	97.33	97.33	97.33	97.33	97.33	97.33
Barren	245.98	245.98	245.98	245.98	245.98	245.98	245.98	245.98	245.98	245.98	245.98	245.98
Sc-low	480.98	480.98	480.98	480.98	480.98	480.98	480.98	480.98	480.98	480.98	480.98	480.98
Sc-high	1,266.24	1,266.24	1,266.24	1,266.24	1,266.24	1,266.24	1,266.24	1,266.24	1,266.24	1,266.24	1,266.24	1,266.24
Sc/ms	457.28	457.28	457.28	457.28	457.28	457.28	457.28	457.28	457.28	457.28	457.28	457.28
Sc/aw	322.36	322.36	322.36	322.36	322.36	322.36	322.36	322.36	322.36	322.36	322.36	322.36
Sc/ms/aw	121.30	121.30	121.30	121.30	121.30	121.30	121.30	121.30	121.30	121.30	121.30	121.30
Ms-low	130.27	130.27	130.27	130.27	130.27	130.27	130.27	130.27	130.27	130.27	130.27	130.27
Ms-high	152.36	152.36	152.36	152.36	152.36	152.36	152.36	152.36	152.36	152.36	152.36	152.36
Ms/aw	105.97	105.97	105.97	105.97	105.97	105.97	105.97	105.97	105.97	105.97	105.97	105.97
Aw	323.40	323.40	323.40	323.40	323.40	323.40	323.40	323.40	323.40	323.40	323.40	323.40
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	366.76	366.76	366.76	366.76	366.76	366.76	366.76	366.76	366.76	366.76	366.76	366.76

2003 LCRAS		Sheet H, Page 3 of 3				Cibola National Wildlife Refuge, CA							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

2003 LCRAS		Sheet I, Page 1 of 3				Clark Farm, CA							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	19	23	37	60	76	79	78	74	70	41	19	24	602
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	3	3	6	11	18	21	20	18	15	10	3	2	131
Monthly ET Values, Crop Groups													
Alfalfa-perennial	19	23	37	60	76	79	78	74	70	41	19	24	602
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	1	1	1	1	1	1	1	1	1	1	1	1	11
Sc-low	0	0	0	0	1	1	1	1	1	0	0	0	4
Sc-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms	0	0	1	2	4	5	5	4	4	2	1	0	30
Sc/aw	0	0	1	1	2	2	2	2	2	1	0	0	14
Sc/ms/aw	0	0	1	1	2	2	2	2	2	1	0	0	14
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	1	1	2	3	5	6	6	6	5	3	1	0	39
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	1	2	3	3	3	3	2	2	1	0	19

2003 LCRAS		Sheet I, Page 2 of 3				Clark Farm, CA						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	112.94	112.94	112.94	112.94	112.94	112.94	112.94	112.94	112.94	112.94	112.94	112.94
Alfalfa-perennial	112.94	112.94	112.94	112.94	112.94	112.94	112.94	112.94	112.94	112.94	112.94	112.94
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	35.12	35.12	35.12	35.12	35.12	35.12	35.12	35.12	35.12	35.12	35.12	35.12
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25
Sc-low	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Sc-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms	5.38	5.38	5.38	5.38	5.38	5.38	5.38	5.38	5.38	5.38	5.38	5.38
Sc/aw	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
Sc/ms/aw	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29

2003 LCRAS		Sheet I, Page 3 of 3				Clark Farm, CA							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

2003 LCRAS		Sheet J, Page 1of 3				Colorado River Indian Reservation, AZ							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	10,353	11,923	21,457	34,951	43,034	46,254	47,608	41,994	37,729	19,605	9,271	11,540	335,719
Open-Water Evap. (Acre-Feet)	39	25	93	149	182	207	197	176	145	124	55	33	1,426
Total Riparian Veg. ET (Acre-Feet)	2,610	2,610	6,087	11,579	18,992	22,165	21,637	19,347	16,340	10,678	3,245	1,634	136,924
Monthly ET Values, Crop Groups													
Alfalfa-perennial	8,669	10,093	16,668	26,677	33,796	35,178	34,927	33,084	31,200	18,301	8,585	10,637	267,815
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	681	1,581	3,857	5,992	6,568	4,917	478	0	0	24,075
Small Grain	1,018	1,249	2,595	3,355	1,155	0	0	0	0	0	142	329	9,843
Field Grain	0	0	26	90	149	144	22	0	0	0	0	0	430
Lettuce-spring	0	0	0	0	0	0	0	0	0	10	7	0	17
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	1	60	119	150	93	0	0	0	0	0	0	423
Melons-fall	0	0	0	0	0	0	0	18	55	70	34	15	191
Bermuda	0	0	0	574	1,390	1,607	1,570	1,380	1,132	69	0	0	7,722
Bermuda w/ rye	14	12	23	17	41	47	46	40	33	15	13	12	313
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	1,231	3,250	4,532	5,055	4,791	671	0	0	0	0	19,531
Legume/Solanum Veg	19	17	11	0	0	0	0	0	0	13	13	16	89
Crucifers	134	116	18	0	0	0	0	0	0	121	74	106	570
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	9	7	22	38	55	62	60	54	45	35	16	10	412
Small Vegetables	452	404	710	0	0	0	0	0	200	369	331	382	2,847
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	1	2	3	4	3	2	1	0	0	0	16
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	34	34	197	378	469	524	511	457	383	144	32	29	3,192
Barren	502	502	694	528	624	694	678	608	512	443	320	390	6,495
Sc-low	243	243	509	1,098	1,985	2,411	2,354	2,103	1,775	1,078	289	132	14,220
Sc-high	120	120	304	660	1,140	1,339	1,307	1,168	986	594	155	65	7,957
Sc/ms	242	242	631	1,401	2,450	2,880	2,811	2,514	2,120	1,273	330	131	17,026
Sc/aw	151	151	389	852	1,480	1,739	1,697	1,517	1,279	770	201	82	10,306
Sc/ms/aw	134	134	380	797	1,354	1,586	1,549	1,384	1,170	796	220	79	9,583
Ms-low	365	365	880	1,625	2,587	3,006	2,932	2,622	2,218	1,586	473	206	18,864
Ms-high	182	182	505	1,045	1,670	1,885	1,840	1,645	1,391	966	306	128	11,745
Ms/aw	177	177	480	979	1,553	1,753	1,711	1,531	1,293	892	271	111	10,930
Aw	296	296	711	1,454	2,480	2,980	2,911	2,603	2,200	1,429	409	170	17,938
Cw	5	5	15	30	49	56	54	49	41	28	9	3	343
Low Veg	160	160	391	732	1,151	1,313	1,282	1,146	970	681	230	109	8,324

2003 LCRAS		Sheet J, Page 2 of 3				Colorado River Indian Reservation, AZ						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	75,330.23	75,330.23	75,330.23	75,330.23	75,330.23	75,330.23	75,330.23	75,330.23	75,330.23	75,330.23	75,330.23	75,330.23
* - Includes 37.09 acres of timothy grass and 18.42 acres of klein grass in bermuda w/rye acreage.												
Alfalfa-perennial	50,254.64	50,254.64	50,254.64	50,254.64	50,254.64	50,254.64	50,254.64	50,254.64	50,254.64	50,254.64	50,254.64	50,254.64
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	8,429.94	8,429.94	8,429.94	8,429.94	8,429.94	8,429.94	8,429.94	8,429.94	8,429.94	8,429.94	8,429.94	8,429.94
Small Grain	5,332.61	5,332.61	5,332.61	5,332.61	5,332.61	5,332.61	5,332.61	5,332.61	5,332.61	5,332.61	5,332.61	5,332.61
Field Grain	173.25	173.25	173.25	173.25	173.25	173.25	173.25	173.25	173.25	173.25	173.25	173.25
Lettuce-spring	34.98	34.98	34.98	34.98	34.98	34.98	34.98	34.98	34.98	34.98	34.98	34.98
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	210.06	210.06	210.06	210.06	210.06	210.06	210.06	210.06	210.06	210.06	210.06	210.06
Melons-fall	156.17	156.17	156.17	156.17	156.17	156.17	156.17	156.17	156.17	156.17	156.17	156.17
Bermuda	2,366.22	2,366.22	2,366.22	2,366.22	2,366.22	2,366.22	2,366.22	2,366.22	2,366.22	2,366.22	2,366.22	2,366.22
Bermuda w/rye*	69.23	69.23	69.23	69.23	69.23	69.23	69.23	69.23	69.23	69.23	69.23	69.23
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	5,555.21	5,555.21	5,555.21	5,555.21	5,555.21	5,555.21	5,555.21	5,555.21	5,555.21	5,555.21	5,555.21	5,555.21
Legume/Solanum Veg	80.82	80.82	80.82	80.82	80.82	80.82	80.82	80.82	80.82	80.82	80.82	80.82
Crucifers	587.35	587.35	587.35	587.35	587.35	587.35	587.35	587.35	587.35	587.35	587.35	587.35
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	89.03	89.03	89.03	89.03	89.03	89.03	89.03	89.03	89.03	89.03	89.03	89.03
Small Vegetables	1,985.38	1,985.38	1,985.38	1,985.38	1,985.38	1,985.38	1,985.38	1,985.38	1,985.38	1,985.38	1,985.38	1,985.38
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	5.34	5.34	5.34	5.34	5.34	5.34	5.34	5.34	5.34	5.34	5.34	5.34
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	33,317.38	33,317.38	33,317.38	33,317.38	33,317.38	33,317.38	33,317.38	33,317.38	33,317.38	33,317.38	33,317.38	33,317.38
Marsh	551.76	551.76	551.76	551.76	551.76	551.76	551.76	551.76	551.76	551.76	551.76	551.76
Barren	6,403.98	6,403.98	6,403.98	6,403.98	6,403.98	6,403.98	6,403.98	6,403.98	6,403.98	6,403.98	6,403.98	6,403.98
Sc-low	3,100.95	3,100.95	3,100.95	3,100.95	3,100.95	3,100.95	3,100.95	3,100.95	3,100.95	3,100.95	3,100.95	3,100.95
Sc-high	1,528.49	1,528.49	1,528.49	1,528.49	1,528.49	1,528.49	1,528.49	1,528.49	1,528.49	1,528.49	1,528.49	1,528.49
Sc/ms	3,091.46	3,091.46	3,091.46	3,091.46	3,091.46	3,091.46	3,091.46	3,091.46	3,091.46	3,091.46	3,091.46	3,091.46
Sc/aw	1,928.23	1,928.23	1,928.23	1,928.23	1,928.23	1,928.23	1,928.23	1,928.23	1,928.23	1,928.23	1,928.23	1,928.23
Sc/ms/aw	1,714.32	1,714.32	1,714.32	1,714.32	1,714.32	1,714.32	1,714.32	1,714.32	1,714.32	1,714.32	1,714.32	1,714.32
Ms-low	4,654.06	4,654.06	4,654.06	4,654.06	4,654.06	4,654.06	4,654.06	4,654.06	4,654.06	4,654.06	4,654.06	4,654.06
Ms-high	2,322.35	2,322.35	2,322.35	2,322.35	2,322.35	2,322.35	2,322.35	2,322.35	2,322.35	2,322.35	2,322.35	2,322.35
Ms/aw	2,259.34	2,259.34	2,259.34	2,259.34	2,259.34	2,259.34	2,259.34	2,259.34	2,259.34	2,259.34	2,259.34	2,259.34
Aw	3,776.41	3,776.41	3,776.41	3,776.41	3,776.41	3,776.41	3,776.41	3,776.41	3,776.41	3,776.41	3,776.41	3,776.41
Cw	68.52	68.52	68.52	68.52	68.52	68.52	68.52	68.52	68.52	68.52	68.52	68.52
Low Veg	1,917.51	1,917.51	1,917.51	1,917.51	1,917.51	1,917.51	1,917.51	1,917.51	1,917.51	1,917.51	1,917.51	1,917.51

2003 LCRAS		Sheet J, Page 3 of 3				Colorado River Indian Reservation, AZ							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

2003 LCRAS		Sheet K, Page 1of 3				Colorado River Indian Reservation, CA							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	677	677	1,544	2,915	4,800	5,617	5,483	4,903	4,140	2,662	807	423	34,648
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	11	11	65	125	155	173	169	151	127	48	10	10	1,056
Barren	153	153	212	161	191	212	207	186	157	135	98	119	1,984
Sc-low	92	92	194	418	755	917	895	800	675	410	110	50	5,408
Sc-high	65	65	165	357	617	725	708	632	534	321	84	35	4,308
Sc/ms	63	63	164	364	636	748	730	653	550	330	86	34	4,419
Sc/aw	37	37	95	208	362	425	415	371	313	188	49	20	2,519
Sc/ms/aw	28	28	79	167	283	332	324	290	245	166	46	16	2,004
Ms-low	80	80	193	357	568	660	644	576	487	349	104	45	4,145
Ms-high	31	31	87	180	288	325	317	283	240	166	53	22	2,022
Ms/aw	33	33	88	180	285	322	314	281	238	164	50	20	2,008
Aw	50	50	121	248	423	509	497	444	375	244	70	29	3,061
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	33	33	80	150	237	270	263	236	199	140	47	22	1,711

2003 LCRAS		Sheet K, Page 2 of 3				Colorado River Indian Reservation, CA						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	8,654.62	8,654.62	8,654.62	8,654.62	8,654.62	8,654.62	8,654.62	8,654.62	8,654.62	8,654.62	8,654.62	8,654.62
Marsh	182.49	182.49	182.49	182.49	182.49	182.49	182.49	182.49	182.49	182.49	182.49	182.49
Barren	1,956.56	1,956.56	1,956.56	1,956.56	1,956.56	1,956.56	1,956.56	1,956.56	1,956.56	1,956.56	1,956.56	1,956.56
Sc-low	1,179.35	1,179.35	1,179.35	1,179.35	1,179.35	1,179.35	1,179.35	1,179.35	1,179.35	1,179.35	1,179.35	1,179.35
Sc-high	827.60	827.60	827.60	827.60	827.60	827.60	827.60	827.60	827.60	827.60	827.60	827.60
Sc/ms	802.44	802.44	802.44	802.44	802.44	802.44	802.44	802.44	802.44	802.44	802.44	802.44
Sc/aw	471.32	471.32	471.32	471.32	471.32	471.32	471.32	471.32	471.32	471.32	471.32	471.32
Sc/ms/aw	358.53	358.53	358.53	358.53	358.53	358.53	358.53	358.53	358.53	358.53	358.53	358.53
Ms-low	1,022.68	1,022.68	1,022.68	1,022.68	1,022.68	1,022.68	1,022.68	1,022.68	1,022.68	1,022.68	1,022.68	1,022.68
Ms-high	399.90	399.90	399.90	399.90	399.90	399.90	399.90	399.90	399.90	399.90	399.90	399.90
Ms/aw	415.17	415.17	415.17	415.17	415.17	415.17	415.17	415.17	415.17	415.17	415.17	415.17
Aw	644.41	644.41	644.41	644.41	644.41	644.41	644.41	644.41	644.41	644.41	644.41	644.41
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	394.17	394.17	394.17	394.17	394.17	394.17	394.17	394.17	394.17	394.17	394.17	394.17

2003 LCRAS		Sheet K, Page 3 of 3				Colorado River Indian Reservation, CA							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

2003 LCRAS		Sheet L, Page 1of 3				Ehrenberg Farm, AZ							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	35	39	70	153	236	366	476	469	369	93	33	38	2,376
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Crop Groups													
Alfalfa-perennial	30	35	57	91	116	120	120	113	107	63	29	36	917
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	36	84	205	319	350	262	25	0	0	1,283
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	5	3	0	8
Lettuce-fall	5	5	4	0	0	0	0	0	0	0	0	2	15
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	10	26	36	40	38	5	0	0	0	0	153
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet L, Page 2 of 3				Ehrenberg Farm, AZ						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	706.20	706.20	706.20	706.20	706.20	706.20	706.20	706.20	706.20	706.20	706.20	706.20
Alfalfa-perennial	172.08	172.08	172.08	172.08	172.08	172.08	172.08	172.08	172.08	172.08	172.08	172.08
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	449.15	449.15	449.15	449.15	449.15	449.15	449.15	449.15	449.15	449.15	449.15	449.15
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30
Lettuce-fall	24.06	24.06	24.06	24.06	24.06	24.06	24.06	24.06	24.06	24.06	24.06	24.06
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	43.61	43.61	43.61	43.61	43.61	43.61	43.61	43.61	43.61	43.61	43.61	43.61
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 LCRAS		Sheet L, Page 3 of 3				Ehrenberg Farm, AZ							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

2003 LCRAS		Sheet M, Page 1of 3				Imperial National Wildlife Refuge, AZ							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	625	625	1,625	3,148	5,002	5,820	5,682	5,080	4,285	2,557	740	397	35,586
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	60	60	344	661	822	916	895	800	671	252	56	51	5,587
Barren	113	113	156	119	141	156	153	137	115	100	72	88	1,464
Sc-low	67	67	141	305	551	669	653	584	493	299	80	37	3,946
Sc-high	99	99	251	544	940	1,104	1,078	963	813	489	128	54	6,561
Sc/ms	93	93	243	540	944	1,109	1,083	969	817	490	127	51	6,559
Sc/aw	25	25	64	141	245	287	281	251	212	127	33	14	1,704
Sc/ms/aw	11	11	32	68	115	135	132	118	100	68	19	7	815
Ms-low	35	35	83	154	245	285	278	248	210	150	45	19	1,786
Ms-high	20	20	54	113	180	203	198	177	150	104	33	14	1,266
Ms/aw	23	23	62	126	200	226	220	197	167	115	35	14	1,408
Aw	41	41	98	201	342	411	401	359	303	197	56	23	2,474
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	39	39	95	177	279	318	310	278	235	165	56	26	2,017

2003 LCRAS		Sheet M, Page 2 of 3				Imperial National Wildlife Refuge, AZ						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	8,152.79	8,152.79	8,152.79	8,152.79	8,152.79	8,152.79	8,152.79	8,152.79	8,152.79	8,152.79	8,152.79	8,152.79
Marsh	965.57	965.57	965.57	965.57	965.57	965.57	965.57	965.57	965.57	965.57	965.57	965.57
Barren	1,443.58	1,443.58	1,443.58	1,443.58	1,443.58	1,443.58	1,443.58	1,443.58	1,443.58	1,443.58	1,443.58	1,443.58
Sc-low	860.45	860.45	860.45	860.45	860.45	860.45	860.45	860.45	860.45	860.45	860.45	860.45
Sc-high	1,260.41	1,260.41	1,260.41	1,260.41	1,260.41	1,260.41	1,260.41	1,260.41	1,260.41	1,260.41	1,260.41	1,260.41
Sc/ms	1,190.85	1,190.85	1,190.85	1,190.85	1,190.85	1,190.85	1,190.85	1,190.85	1,190.85	1,190.85	1,190.85	1,190.85
Sc/aw	318.85	318.85	318.85	318.85	318.85	318.85	318.85	318.85	318.85	318.85	318.85	318.85
Sc/ms/aw	145.85	145.85	145.85	145.85	145.85	145.85	145.85	145.85	145.85	145.85	145.85	145.85
Ms-low	440.61	440.61	440.61	440.61	440.61	440.61	440.61	440.61	440.61	440.61	440.61	440.61
Ms-high	250.26	250.26	250.26	250.26	250.26	250.26	250.26	250.26	250.26	250.26	250.26	250.26
Ms/aw	291.01	291.01	291.01	291.01	291.01	291.01	291.01	291.01	291.01	291.01	291.01	291.01
Aw	520.78	520.78	520.78	520.78	520.78	520.78	520.78	520.78	520.78	520.78	520.78	520.78
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	464.57	464.57	464.57	464.57	464.57	464.57	464.57	464.57	464.57	464.57	464.57	464.57

2003 LCRAS		Sheet M, Page 3 of 3				Imperial National Wildlife Refuge, AZ							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

2003 LCRAS		Sheet N, Page 1of 3				Imperial National Wildlife Refuge, CA							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	401	401	1,051	2,030	3,213	3,739	3,650	3,263	2,752	1,629	470	256	22,855
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	42	42	241	463	575	641	626	559	469	176	39	35	3,908
Barren	78	78	108	82	97	108	106	95	80	69	50	61	1,011
Sc-low	43	43	90	195	352	428	418	373	315	191	51	23	2,523
Sc-high	59	59	149	323	559	656	641	573	483	291	76	32	3,900
Sc/ms	60	60	157	348	609	716	699	625	527	316	82	33	4,232
Sc/aw	20	20	51	111	193	227	221	198	167	100	26	11	1,345
Sc/ms/aw	9	9	26	54	93	108	106	95	80	54	15	5	655
Ms-low	22	22	54	99	158	184	179	160	136	97	29	13	1,154
Ms-high	14	14	38	78	125	141	137	123	104	72	23	10	876
Ms/aw	15	15	40	82	129	146	143	128	108	74	23	9	911
Aw	29	29	69	141	241	290	283	253	214	139	40	17	1,745
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	11	11	28	52	82	94	92	82	69	49	16	8	596

2003 LCRAS		Sheet N, Page 2 of 3				Imperial National Wildlife Refuge, CA						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	5,259.92	5,259.92	5,259.92	5,259.92	5,259.92	5,259.92	5,259.92	5,259.92	5,259.92	5,259.92	5,259.92	5,259.92
Marsh	675.44	675.44	675.44	675.44	675.44	675.44	675.44	675.44	675.44	675.44	675.44	675.44
Barren	997.31	997.31	997.31	997.31	997.31	997.31	997.31	997.31	997.31	997.31	997.31	997.31
Sc-low	550.24	550.24	550.24	550.24	550.24	550.24	550.24	550.24	550.24	550.24	550.24	550.24
Sc-high	749.23	749.23	749.23	749.23	749.23	749.23	749.23	749.23	749.23	749.23	749.23	749.23
Sc/ms	768.41	768.41	768.41	768.41	768.41	768.41	768.41	768.41	768.41	768.41	768.41	768.41
Sc/aw	251.55	251.55	251.55	251.55	251.55	251.55	251.55	251.55	251.55	251.55	251.55	251.55
Sc/ms/aw	117.13	117.13	117.13	117.13	117.13	117.13	117.13	117.13	117.13	117.13	117.13	117.13
Ms-low	284.70	284.70	284.70	284.70	284.70	284.70	284.70	284.70	284.70	284.70	284.70	284.70
Ms-high	173.13	173.13	173.13	173.13	173.13	173.13	173.13	173.13	173.13	173.13	173.13	173.13
Ms/aw	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30
Aw	367.29	367.29	367.29	367.29	367.29	367.29	367.29	367.29	367.29	367.29	367.29	367.29
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	137.19	137.19	137.19	137.19	137.19	137.19	137.19	137.19	137.19	137.19	137.19	137.19

2003 LCRAS		Sheet N, Page 3 of 3				Imperial National Wildlife Refuge, CA							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

2003 LCRAS		Sheet O, Page 1 of 3				North Lyn-de Farm, CA							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	26	31	50	81	102	106	106	100	94	55	26	32	809
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	1
Monthly ET Values, Crop Groups													
Alfalfa-perennial	26	31	50	81	102	106	106	100	94	55	26	32	809
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	0	0	0	0	0	0	0	0	0	0	0	0	1
Sc-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet O, Page 2 of 3				North Lyn-de Farm, CA						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	151.88	151.88	151.88	151.88	151.88	151.88	151.88	151.88	151.88	151.88	151.88	151.88
Alfalfa-perennial	151.88	151.88	151.88	151.88	151.88	151.88	151.88	151.88	151.88	151.88	151.88	151.88
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Sc-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 LCRAS		Sheet O, Page 3 of 3				North Lyn-de Farm, CA							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

2003 LCRAS		Sheet P, Page 1 of 3				Palo Verde Irrigation District, AZ							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	14	16	26	48	67	90	109	111	94	33	13	17	638
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	10	10	25	50	80	93	91	81	69	44	13	6	571
Monthly ET Values, Crop Groups													
Alfalfa-perennial	14	16	26	42	53	55	55	52	49	29	13	17	418
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	6	14	35	55	60	45	4	0	0	219
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	1	1	3	6	7	8	8	7	6	2	0	0	48
Barren	1	1	1	1	1	1	1	1	1	1	0	1	9
Sc-low	1	1	2	4	8	9	9	8	7	4	1	1	54
Sc-high	1	1	2	5	8	9	9	8	7	4	1	0	55
Sc/ms	0	0	1	2	4	5	5	4	4	2	1	0	30
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	1	1	2	4	6	7	7	6	5	4	1	0	42
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	2
Ms/aw	3	3	8	15	24	28	27	24	20	14	4	2	172
Aw	2	2	4	9	16	19	18	16	14	9	3	1	112
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	1	1	2	4	7	7	7	7	6	4	1	1	47

2003 LCRAS		Sheet P, Page 2 of 3				Palo Verde Irrigation District, AZ						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	155.27	155.27	155.27	155.27	155.27	155.27	155.27	155.27	155.27	155.27	155.27	155.27
Alfalfa-perennial	78.52	78.52	78.52	78.52	78.52	78.52	78.52	78.52	78.52	78.52	78.52	78.52
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	76.75	76.75	76.75	76.75	76.75	76.75	76.75	76.75	76.75	76.75	76.75	76.75
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	125.51	125.51	125.51	125.51	125.51	125.51	125.51	125.51	125.51	125.51	125.51	125.51
Marsh	8.27	8.27	8.27	8.27	8.27	8.27	8.27	8.27	8.27	8.27	8.27	8.27
Barren	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65
Sc-low	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79
Sc-high	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50
Sc/ms	5.44	5.44	5.44	5.44	5.44	5.44	5.44	5.44	5.44	5.44	5.44	5.44
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	10.41	10.41	10.41	10.41	10.41	10.41	10.41	10.41	10.41	10.41	10.41	10.41
Ms-high	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
Ms/aw	35.48	35.48	35.48	35.48	35.48	35.48	35.48	35.48	35.48	35.48	35.48	35.48
Aw	23.62	23.62	23.62	23.62	23.62	23.62	23.62	23.62	23.62	23.62	23.62	23.62
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	10.93	10.93	10.93	10.93	10.93	10.93	10.93	10.93	10.93	10.93	10.93	10.93

2003 LCRAS		Sheet P, Page 3 of 3				Palo Verde Irrigation District, AZ							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

2003 LCRAS		Sheet Q, Page 1 of 3				Palo Verde Irrigation District, CA							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	11,234	12,621	22,676	36,517	45,916	50,362	52,115	49,209	43,528	21,338	10,098	12,201	367,813
Open-Water Evap. (Acre-Feet)	98	64	237	379	464	529	503	449	371	316	142	85	3,639
Total Riparian Veg. ET (Acre-Feet)	192	192	410	715	1,152	1,344	1,312	1,173	991	649	212	126	8,470
Monthly ET Values, Crop Groups													
Alfalfa-perennial	8,535	9,936	16,409	26,263	33,272	34,633	34,385	32,571	30,716	18,017	8,452	10,472	263,663
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	1,290	2,992	7,300	11,343	12,433	9,308	904	0	0	45,571
Small Grain	1,034	1,269	2,637	3,409	1,174	0	0	0	0	0	144	334	10,000
Field Grain	0	0	114	401	662	642	96	0	0	0	0	0	1,916
Lettuce-spring	0	0	0	0	0	0	0	0	0	77	53	0	130
Lettuce-fall	84	83	60	0	0	0	0	0	0	0	0	27	255
Melons-spring	0	14	825	1,636	2,053	1,271	0	0	0	0	0	0	5,801
Melons-fall	0	0	0	0	0	0	0	55	170	218	107	46	595
Bermuda	0	0	0	421	1,020	1,179	1,151	1,013	830	51	0	0	5,664
Bermuda w/ rye	528	443	856	633	1,533	1,772	1,730	1,522	1,248	580	498	448	11,791
Citrus-young	15	10	26	34	41	44	43	38	33	28	13	12	337
Citrus-mature	309	249	541	700	830	901	880	787	678	566	284	262	6,989
Citrus-declining	16	12	28	37	44	48	47	42	36	30	14	13	367
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	488	1,288	1,797	2,004	1,899	266	0	0	0	0	7,743
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	362	313	49	0	0	0	0	0	0	327	201	285	1,537
Dates	5	4	10	14	17	19	18	16	13	10	5	4	134
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	3	2	7	12	17	19	19	17	14	11	5	3	130
Small Vegetables	247	220	387	0	0	0	0	0	109	201	181	209	1,554
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	3	3	18	35	43	48	47	42	35	13	3	3	293
Barren	66	66	92	70	82	92	89	80	68	58	42	51	857
Sc-low	23	23	49	105	190	231	226	202	170	103	28	13	1,364
Sc-high	9	9	23	50	86	101	98	88	74	45	12	5	599
Sc/ms	12	12	31	68	119	140	137	122	103	62	16	6	828
Sc/aw	8	8	21	45	78	92	90	80	68	41	11	4	546
Sc/ms/aw	5	5	15	32	54	64	62	55	47	32	9	3	384
Ms-low	17	17	42	77	122	142	139	124	105	75	22	10	892
Ms-high	1	1	4	8	13	15	15	13	11	8	2	1	94
Ms/aw	7	7	20	41	65	74	72	64	54	38	11	5	460
Aw	12	12	29	60	102	122	120	107	90	59	17	7	737
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	27	27	67	124	196	223	218	195	165	116	39	18	1,415

2003 LCRAS		Sheet Q, Page 2 of 3				Palo Verde Irrigation District, CA						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	87,225.20	87,225.20	87,225.20	87,225.20	87,225.20	87,225.20	87,225.20	87,225.20	87,225.20	87,225.20	87,225.20	87,225.20
* - Includes 2491.09 acres of klein grass and 53.27 acres of timothy grass in bermuda w/rye acreage.												
Alfalfa-perennial	49,475.39	49,475.39	49,475.39	49,475.39	49,475.39	49,475.39	49,475.39	49,475.39	49,475.39	49,475.39	49,475.39	49,475.39
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	15,957.21	15,957.21	15,957.21	15,957.21	15,957.21	15,957.21	15,957.21	15,957.21	15,957.21	15,957.21	15,957.21	15,957.21
Small Grain	5,417.55	5,417.55	5,417.55	5,417.55	5,417.55	5,417.55	5,417.55	5,417.55	5,417.55	5,417.55	5,417.55	5,417.55
Field Grain	771.62	771.62	771.62	771.62	771.62	771.62	771.62	771.62	771.62	771.62	771.62	771.62
Lettuce-spring	273.53	273.53	273.53	273.53	273.53	273.53	273.53	273.53	273.53	273.53	273.53	273.53
Lettuce-fall	406.33	406.33	406.33	406.33	406.33	406.33	406.33	406.33	406.33	406.33	406.33	406.33
Melons-spring	2,878.73	2,878.73	2,878.73	2,878.73	2,878.73	2,878.73	2,878.73	2,878.73	2,878.73	2,878.73	2,878.73	2,878.73
Melons-fall	486.75	486.75	486.75	486.75	486.75	486.75	486.75	486.75	486.75	486.75	486.75	486.75
Bermuda	1,735.77	1,735.77	1,735.77	1,735.77	1,735.77	1,735.77	1,735.77	1,735.77	1,735.77	1,735.77	1,735.77	1,735.77
Bermuda w/rye*	2,608.56	2,608.56	2,608.56	2,608.56	2,608.56	2,608.56	2,608.56	2,608.56	2,608.56	2,608.56	2,608.56	2,608.56
Citrus-young	161.30	161.30	161.30	161.30	161.30	161.30	161.30	161.30	161.30	161.30	161.30	161.30
Citrus-mature	1,980.89	1,980.89	1,980.89	1,980.89	1,980.89	1,980.89	1,980.89	1,980.89	1,980.89	1,980.89	1,980.89	1,980.89
Citrus-declining	149.96	149.96	149.96	149.96	149.96	149.96	149.96	149.96	149.96	149.96	149.96	149.96
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	2,202.20	2,202.20	2,202.20	2,202.20	2,202.20	2,202.20	2,202.20	2,202.20	2,202.20	2,202.20	2,202.20	2,202.20
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	1,584.28	1,584.28	1,584.28	1,584.28	1,584.28	1,584.28	1,584.28	1,584.28	1,584.28	1,584.28	1,584.28	1,584.28
Dates	23.47	23.47	23.47	23.47	23.47	23.47	23.47	23.47	23.47	23.47	23.47	23.47
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	28.01	28.01	28.01	28.01	28.01	28.01	28.01	28.01	28.01	28.01	28.01	28.01
Small Vegetables	1,083.65	1,083.65	1,083.65	1,083.65	1,083.65	1,083.65	1,083.65	1,083.65	1,083.65	1,083.65	1,083.65	1,083.65
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	2,444.89	2,444.89	2,444.89	2,444.89	2,444.89	2,444.89	2,444.89	2,444.89	2,444.89	2,444.89	2,444.89	2,444.89
Marsh	50.61	50.61	50.61	50.61	50.61	50.61	50.61	50.61	50.61	50.61	50.61	50.61
Barren	845.51	845.51	845.51	845.51	845.51	845.51	845.51	845.51	845.51	845.51	845.51	845.51
Sc-low	297.52	297.52	297.52	297.52	297.52	297.52	297.52	297.52	297.52	297.52	297.52	297.52
Sc-high	115.03	115.03	115.03	115.03	115.03	115.03	115.03	115.03	115.03	115.03	115.03	115.03
Sc/ms	150.39	150.39	150.39	150.39	150.39	150.39	150.39	150.39	150.39	150.39	150.39	150.39
Sc/aw	102.15	102.15	102.15	102.15	102.15	102.15	102.15	102.15	102.15	102.15	102.15	102.15
Sc/ms/aw	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69
Ms-low	220.06	220.06	220.06	220.06	220.06	220.06	220.06	220.06	220.06	220.06	220.06	220.06
Ms-high	18.58	18.58	18.58	18.58	18.58	18.58	18.58	18.58	18.58	18.58	18.58	18.58
Ms/aw	95.08	95.08	95.08	95.08	95.08	95.08	95.08	95.08	95.08	95.08	95.08	95.08
Aw	155.20	155.20	155.20	155.20	155.20	155.20	155.20	155.20	155.20	155.20	155.20	155.20
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	326.07	326.07	326.07	326.07	326.07	326.07	326.07	326.07	326.07	326.07	326.07	326.07

2003 LCRAS		Sheet Q, Page 3 of 3				Palo Verde Irrigation District, CA							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

2003 LCRAS		Sheet R, Page 1 of 3				Picacho State Recreation Area, CA							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
(All values in acre-feet)	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	94	94	233	444	709	828	808	722	609	370	110	60	5,083
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	7	7	43	83	103	115	113	101	84	32	7	6	703
Barren	19	19	26	20	24	26	26	23	19	17	12	15	246
Sc-low	20	20	41	89	161	196	191	171	144	88	24	11	1,155
Sc-high	5	5	14	30	52	61	60	53	45	27	7	3	363
Sc/ms	8	8	20	44	77	91	88	79	67	40	10	4	535
Sc/aw	6	6	15	34	58	69	67	60	50	30	8	3	407
Sc/ms/aw	2	2	4	9	15	18	18	16	13	9	2	1	108
Ms-low	3	3	8	14	23	26	26	23	19	14	4	2	165
Ms-high	0	0	1	2	4	4	4	4	3	2	1	0	25
Ms/aw	7	7	19	38	61	69	67	60	51	35	11	4	428
Aw	7	7	17	36	61	73	71	64	54	35	10	4	438
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	10	10	24	45	70	80	78	70	59	42	14	7	509

2003 LCRAS		Sheet R, Page 2 of 3				Picacho State Recreation Area, CA						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	1,221.67	1,221.67	1,221.67	1,221.67	1,221.67	1,221.67	1,221.67	1,221.67	1,221.67	1,221.67	1,221.67	1,221.67
Marsh	121.46	121.46	121.46	121.46	121.46	121.46	121.46	121.46	121.46	121.46	121.46	121.46
Barren	242.14	242.14	242.14	242.14	242.14	242.14	242.14	242.14	242.14	242.14	242.14	242.14
Sc-low	251.96	251.96	251.96	251.96	251.96	251.96	251.96	251.96	251.96	251.96	251.96	251.96
Sc-high	69.75	69.75	69.75	69.75	69.75	69.75	69.75	69.75	69.75	69.75	69.75	69.75
Sc/ms	97.19	97.19	97.19	97.19	97.19	97.19	97.19	97.19	97.19	97.19	97.19	97.19
Sc/aw	76.09	76.09	76.09	76.09	76.09	76.09	76.09	76.09	76.09	76.09	76.09	76.09
Sc/ms/aw	19.40	19.40	19.40	19.40	19.40	19.40	19.40	19.40	19.40	19.40	19.40	19.40
Ms-low	40.78	40.78	40.78	40.78	40.78	40.78	40.78	40.78	40.78	40.78	40.78	40.78
Ms-high	5.03	5.03	5.03	5.03	5.03	5.03	5.03	5.03	5.03	5.03	5.03	5.03
Ms/aw	88.43	88.43	88.43	88.43	88.43	88.43	88.43	88.43	88.43	88.43	88.43	88.43
Aw	92.27	92.27	92.27	92.27	92.27	92.27	92.27	92.27	92.27	92.27	92.27	92.27
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	117.17	117.17	117.17	117.17	117.17	117.17	117.17	117.17	117.17	117.17	117.17	117.17

2003 LCRAS		Sheet R, Page 3 of 3				Picacho State Recreation Area, CA							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

2003 LCRAS		Sheet S, Page 1 of 3				South Lyn-de Farm, CA							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
(All values in acre-feet)	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	18	21	35	55	70	73	73	69	65	38	18	22	557
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	2
Monthly ET Values, Crop Groups													
Alfalfa-perennial	18	21	35	55	70	73	73	69	65	38	18	22	557
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-low	0	0	0	0	0	0	0	0	0	0	0	0	2
Sc-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet S, Page 2 of 3				South Lyn-de Farm, CA						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	104.47	104.47	104.47	104.47	104.47	104.47	104.47	104.47	104.47	104.47	104.47	104.47
Alfalfa-perennial	104.47	104.47	104.47	104.47	104.47	104.47	104.47	104.47	104.47	104.47	104.47	104.47
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc-low	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
Sc-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 LCRAS		Sheet S, Page 3 of 3				South Lyn-de Farm, CA							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

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Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	484	484	1,055	1,899	3,094	3,620	3,534	3,160	2,667	1,703	537	312	22,548
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	11	11	61	118	146	163	159	142	119	45	10	9	995
Barren	156	156	216	164	194	216	211	189	159	138	100	121	2,021
Sc-low	65	65	136	294	531	645	630	563	475	289	77	35	3,807
Sc-high	47	47	121	261	452	531	518	463	391	235	62	26	3,153
Sc/ms	42	42	109	243	424	498	486	435	367	220	57	23	2,946
Sc/aw	26	26	68	149	259	304	297	265	224	135	35	14	1,801
Sc/ms/aw	15	15	43	90	154	180	176	157	133	90	25	9	1,087
Ms-low	35	35	84	155	246	286	279	250	211	151	45	20	1,797
Ms-high	7	7	19	39	63	71	69	62	52	36	11	5	441
Ms/aw	11	11	31	63	99	112	110	98	83	57	17	7	699
Aw	26	26	64	130	222	267	261	233	197	128	37	15	1,606
Cw	1	1	2	5	8	9	9	8	7	5	1	1	57
Low Veg	41	41	100	188	295	337	329	294	249	175	59	28	2,137

2003 LCRAS		Sheet T, Page 2 of 3				State of Arizona						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	6,183.78	6,183.78	6,183.78	6,183.78	6,183.78	6,183.78	6,183.78	6,183.78	6,183.78	6,183.78	6,183.78	6,183.78
Marsh	171.92	171.92	171.92	171.92	171.92	171.92	171.92	171.92	171.92	171.92	171.92	171.92
Barren	1,992.53	1,992.53	1,992.53	1,992.53	1,992.53	1,992.53	1,992.53	1,992.53	1,992.53	1,992.53	1,992.53	1,992.53
Sc-low	830.22	830.22	830.22	830.22	830.22	830.22	830.22	830.22	830.22	830.22	830.22	830.22
Sc-high	605.72	605.72	605.72	605.72	605.72	605.72	605.72	605.72	605.72	605.72	605.72	605.72
Sc/ms	534.94	534.94	534.94	534.94	534.94	534.94	534.94	534.94	534.94	534.94	534.94	534.94
Sc/aw	337.04	337.04	337.04	337.04	337.04	337.04	337.04	337.04	337.04	337.04	337.04	337.04
Sc/ms/aw	194.51	194.51	194.51	194.51	194.51	194.51	194.51	194.51	194.51	194.51	194.51	194.51
Ms-low	443.38	443.38	443.38	443.38	443.38	443.38	443.38	443.38	443.38	443.38	443.38	443.38
Ms-high	87.18	87.18	87.18	87.18	87.18	87.18	87.18	87.18	87.18	87.18	87.18	87.18
Ms/aw	144.59	144.59	144.59	144.59	144.59	144.59	144.59	144.59	144.59	144.59	144.59	144.59
Aw	338.07	338.07	338.07	338.07	338.07	338.07	338.07	338.07	338.07	338.07	338.07	338.07
Cw	11.48	11.48	11.48	11.48	11.48	11.48	11.48	11.48	11.48	11.48	11.48	11.48
Low Veg	492.20	492.20	492.20	492.20	492.20	492.20	492.20	492.20	492.20	492.20	492.20	492.20

2003 LCRAS		Sheet T, Page 3 of 3				State of Arizona							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

2003 LCRAS		Sheet U, Page 1 of 3				State of California							
Parker Dam to Imperial Dam													
Based on average ETo values from 3 CIMIS and 1 AZMET station, and average precipitation from area CIMIS, AZMET, and NWS Weather Stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	40	33	78	98	119	131	127	113	97	78	38	34	985
Open-Water Evap. (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	601	601	1,321	2,419	3,963	4,641	4,530	4,051	3,420	2,177	677	384	28,783
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	4	3	8	10	12	13	12	11	10	8	4	3	97
Citrus-mature	3	3	5	7	8	9	9	8	7	6	3	3	71
Citrus-declining	8	6	14	18	22	24	23	21	18	15	7	7	183
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	21	19	46	62	77	84	82	72	60	46	22	19	611
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	1	1	1	1	1	1	0	0	0	6
Small Vegetables	3	3	5	0	0	0	0	0	1	2	2	2	18
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	12	12	71	137	170	190	185	166	139	52	11	10	1,157
Barren	176	176	243	185	219	243	238	213	180	155	112	137	2,276
Sc-low	90	90	190	409	739	898	877	783	661	401	108	49	5,295
Sc-high	72	72	183	397	685	805	786	702	593	357	93	39	4,784
Sc/ms	59	59	153	339	593	697	680	608	513	308	80	32	4,118
Sc/aw	23	23	58	128	222	260	254	227	192	115	30	12	1,544
Sc/ms/aw	14	14	38	81	137	160	156	140	118	80	22	8	968
Ms-low	42	42	101	186	296	344	335	300	254	181	54	23	2,156
Ms-high	14	14	38	79	126	142	139	124	105	73	23	10	884
Ms/aw	12	12	31	64	101	114	111	100	84	58	18	7	711
Aw	34	34	81	166	284	341	333	298	252	164	47	19	2,053
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	54	54	133	249	392	447	437	390	330	232	78	37	2,835

2003 LCRAS		Sheet U, Page 2 of 3				State of California						
Parker Dam to Imperial Dam												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	262.04	262.04	262.04	262.04	262.04	262.04	262.04	262.04	262.04	262.04	262.04	262.04
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	46.40	46.40	46.40	46.40	46.40	46.40	46.40	46.40	46.40	46.40	46.40	46.40
Citrus-mature	20.01	20.01	20.01	20.01	20.01	20.01	20.01	20.01	20.01	20.01	20.01	20.01
Citrus-declining	74.60	74.60	74.60	74.60	74.60	74.60	74.60	74.60	74.60	74.60	74.60	74.60
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	107.06	107.06	107.06	107.06	107.06	107.06	107.06	107.06	107.06	107.06	107.06	107.06
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19
Small Vegetables	12.78	12.78	12.78	12.78	12.78	12.78	12.78	12.78	12.78	12.78	12.78	12.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs (Miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	7,667.02	7,667.02	7,667.02	7,667.02	7,667.02	7,667.02	7,667.02	7,667.02	7,667.02	7,667.02	7,667.02	7,667.02
Marsh	199.99	199.99	199.99	199.99	199.99	199.99	199.99	199.99	199.99	199.99	199.99	199.99
Barren	2,244.33	2,244.33	2,244.33	2,244.33	2,244.33	2,244.33	2,244.33	2,244.33	2,244.33	2,244.33	2,244.33	2,244.33
Sc-low	1,154.59	1,154.59	1,154.59	1,154.59	1,154.59	1,154.59	1,154.59	1,154.59	1,154.59	1,154.59	1,154.59	1,154.59
Sc-high	919.06	919.06	919.06	919.06	919.06	919.06	919.06	919.06	919.06	919.06	919.06	919.06
Sc/ms	747.75	747.75	747.75	747.75	747.75	747.75	747.75	747.75	747.75	747.75	747.75	747.75
Sc/aw	288.90	288.90	288.90	288.90	288.90	288.90	288.90	288.90	288.90	288.90	288.90	288.90
Sc/ms/aw	173.14	173.14	173.14	173.14	173.14	173.14	173.14	173.14	173.14	173.14	173.14	173.14
Ms-low	532.00	532.00	532.00	532.00	532.00	532.00	532.00	532.00	532.00	532.00	532.00	532.00
Ms-high	174.87	174.87	174.87	174.87	174.87	174.87	174.87	174.87	174.87	174.87	174.87	174.87
Ms/aw	147.07	147.07	147.07	147.07	147.07	147.07	147.07	147.07	147.07	147.07	147.07	147.07
Aw	432.19	432.19	432.19	432.19	432.19	432.19	432.19	432.19	432.19	432.19	432.19	432.19
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	653.13	653.13	653.13	653.13	653.13	653.13	653.13	653.13	653.13	653.13	653.13	653.13

2003 LCRAS		Sheet U, Page 3 of 3				State of California							
Parker Dam to Imperial Dam													
Monthly ET Rate Values (inches) from PCarea03.xlw.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.07	2.41	3.98	6.37	8.07	8.40	8.34	7.90	7.45	4.37	2.05	2.54	63.95
Alfalfa-annual	1.55	2.59	3.79	5.97	9.35	6.03	10.25	0.00	0.00	0.00	0.00	0.90	40.43
Alfalfa-seed	1.00	1.44	3.03	2.67	5.62	6.14	3.56	5.42	5.46	5.84	2.02	2.48	44.68
Cotton	0.00	0.00	0.00	0.97	2.25	5.49	8.53	9.35	7.00	0.68	0.00	0.00	34.27
Small Grain	2.29	2.81	5.84	7.55	2.60	0.00	0.00	0.00	0.00	0.00	0.32	0.74	22.15
Field Grain	0.00	0.00	1.77	6.24	10.30	9.99	1.49	0.00	0.00	0.00	0.00	0.00	29.79
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	2.32	0.00	5.69
Lettuce-fall	2.48	2.46	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	7.52
Melons-spring	0.00	0.06	3.44	6.82	8.56	5.30	0.00	0.00	0.00	0.00	0.00	0.00	24.18
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	4.19	5.38	2.63	1.13	14.68
Bermuda	0.00	0.00	0.00	2.91	7.05	8.15	7.96	7.00	5.74	0.35	0.00	0.00	39.16
Bermuda w/ rye	2.43	2.04	3.94	2.91	7.05	8.15	7.96	7.00	5.74	2.67	2.29	2.06	54.24
Citrus-young	1.08	0.75	1.94	2.54	3.02	3.28	3.20	2.86	2.47	2.06	0.98	0.87	25.05
Citrus-mature	1.87	1.51	3.28	4.24	5.03	5.46	5.33	4.77	4.11	3.43	1.72	1.59	42.34
Citrus-declining	1.28	0.94	2.28	2.97	3.52	3.82	3.73	3.34	2.88	2.40	1.16	1.05	29.37
Tomatoes	0.00	1.36	4.52	8.10	9.56	3.89	0.00	0.00	0.00	0.00	0.00	0.00	27.43
Sudan	0.00	0.00	2.66	7.02	9.79	10.92	10.35	1.45	0.00	0.00	0.00	0.00	42.19
Legume/Solanum Veg	2.89	2.56	1.62	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.87	2.32	13.16
Crucifers	2.74	2.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	2.48	1.52	2.16	11.64
Dates	2.38	2.18	5.12	6.95	8.59	9.47	9.15	8.08	6.76	5.19	2.45	2.14	68.46
Safflower	0.00	0.70	4.00	8.13	10.63	10.58	1.93	0.00	0.00	0.00	0.00	0.00	35.97
Orchards	1.17	0.90	2.93	5.07	7.38	8.30	8.10	7.24	6.12	4.75	2.18	1.36	55.50
Small Vegetables	2.73	2.44	4.29	0.00	0.00	0.00	0.00	0.00	1.21	2.23	2.00	2.31	17.21
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	4.18	2.77	2.19	11.62
Perennial Vegetables	1.13	0.85	2.37	5.08	8.00	8.94	8.72	7.79	5.81	3.50	1.10	0.90	54.19
Sugar Beets	2.94	2.66	5.55	7.15	6.28	0.17	0.00	0.00	0.75	1.99	1.67	2.27	31.43
Grapes	0.00	0.03	1.52	4.45	7.26	8.13	7.58	5.32	1.96	0.00	0.00	0.00	36.25
Herbs (Miscellaneous)	2.49	2.20	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.49	2.07	11.09
Moist Soil Unit	2.85	2.84	5.13	6.82	4.71	3.16	10.00	9.44	4.83	5.49	2.77	2.53	60.57
Seasonal Wetland	2.85	2.84	4.06	3.94	3.67	2.47	4.69	4.60	3.89	5.49	2.77	2.53	43.80
Riparian Vegetation Groups													
Marsh	0.74	0.74	4.28	8.22	10.21	11.39	11.12	9.94	8.34	3.13	0.69	0.63	69.43
Barren	0.94	0.94	1.30	0.99	1.17	1.30	1.27	1.14	0.96	0.83	0.60	0.73	12.17
Sc-low	0.94	0.94	1.97	4.25	7.68	9.33	9.11	8.14	6.87	4.17	1.12	0.51	55.03
Sc-high	0.94	0.94	2.39	5.18	8.95	10.51	10.26	9.17	7.74	4.66	1.22	0.51	62.47
Sc/ms	0.94	0.94	2.45	5.44	9.51	11.18	10.91	9.76	8.23	4.94	1.28	0.51	66.09
Sc/aw	0.94	0.94	2.42	5.30	9.21	10.82	10.56	9.44	7.96	4.79	1.25	0.51	64.14
Sc/ms/aw	0.94	0.94	2.66	5.58	9.48	11.10	10.84	9.69	8.19	5.57	1.54	0.55	67.08
Ms-low	0.94	0.94	2.27	4.19	6.67	7.75	7.56	6.76	5.72	4.09	1.22	0.53	48.64
Ms-high	0.94	0.94	2.61	5.40	8.63	9.74	9.51	8.50	7.19	4.99	1.58	0.66	60.69
Ms/aw	0.94	0.94	2.55	5.20	8.25	9.31	9.09	8.13	6.87	4.74	1.44	0.59	58.05
Aw	0.94	0.94	2.26	4.62	7.88	9.47	9.25	8.27	6.99	4.54	1.30	0.54	57.00
Cw	0.94	0.94	2.55	5.19	8.50	9.74	9.51	8.50	7.19	4.95	1.49	0.59	60.09
Low Veg	1.00	1.00	2.45	4.58	7.20	8.22	8.02	7.17	6.07	4.26	1.44	0.68	52.09

Imperial Dam to Mexico

ET Table

2003 LCRAS	Sheet A, Annual Summary Table		
Imperial Dam to Mexico			
This sheet presents the evapotranspiration (ET) in acre-feet from agriculture and riparian vegetation for each agricultural diverter, and evaporation (also in acre-feet).			
Diverter	Evapotranspiration from Agriculture (ETag)	Evapotranspiration from Riparian Vegetation (ETrv)	Evaporation
Desert Lawn Memorial, AZ	No fields in field border database - will be dropped from future reports		
Fort Yuma Indian Reservation, AZ & Homesteads	1,236	3,066	
Fort Yuma Indian Reservation, Mittry State Wildlife Area and Yuma Proving Ground, A	0	907	
Fort Yuma Indian Reservation, CA	4,027	12,361	
Fort Yuma Indian Reservation, Bard Unit, CA	22,754	882	
Fort Yuma Indian Reservation, Indian Unit, CA	16,825	1,421	
Fort Yuma Indian Reservation and Picacho State Recreation Area, CA	0	1,421	
Fort Yuma Indian Reservation and Yuma Proving Ground, CA	0	877	
Hillander "C" Irrigation District, AZ	7,098	0	
Imperial National Wildlife Refuge, AZ	210	6,297	
Imperial National Wildlife Refuge, CA	0	41	
Imperial National Wildlife Refuge and Yuma Proving Ground, CA	0	53	
Mittry Lake State Wildlife Area, AZ	150	10,612	
Imperial Irrigation District, CA	0	0	
Coachella Valley Water District, CA	0	0	
North Cocopah Indian Reservation, AZ	674	767	
North Gila Valley Irrigation District, AZ	20,045	2,105	
Picacho State Recreation Area, CA	0	1,105	
Sturges Gila Monster Ranch, AZ	5,923	849	
Wellton-Mohawk Irrigation and Drainage District	0	0	
State of Arizona	8,743	13,605	
State of Arizona-Limitrophe Section	2,401	4,717	
State of Arizona-Down Gradient from Yuma Mesa Irrigation and Drainage District	35,217	0	
State of California	6,249	2,773	
Unit "B" Irrigation and Drainage District, AZ	6,334	0	
University of Arizona Agricultural Station, AZ	185	0	
West Cocopah Indian Reservation, AZ	5,438	6,514	
Yuma Irrigation District, AZ	31,464	1,109	
Yuma Mesa Irrigation and Drainage District, AZ	68,152	0	
Yuma Proving Ground, AZ	0	656	
Yuma Proving Ground, CA	41	8,669	
Yuma County Water Users Association, AZ	130,789	11	
Mainstream (Lake & River)			9,312
Reach Totals	373,955	80,818	9,312

2003 LCRAS		Sheet B, Page 1 of 2			ET Monthly Summary Tables								
Imperial Dam to Mexico													
					Evapotranspiration from Agriculture (ETag)								
All values in acre-feet.	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total of Diverters	28114	20544	33062	44668	43990	42410	44189	37200	24883	24473	13083	17337	373,954
Diverter Name													
Desert Lawn Memorial, AZ	No fields in field border database - will be dropped from future reports												
Fort Yuma Indian Reservation, AZ & Homesteads	167	116	156	202	143	106	108	87	23	33	21	74	1,236
Fort Yuma Indian Reservation, Mittry State Wildlife Area and Yuma Proving Ground, AZ	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Yuma Indian Reservation, CA	320	233	340	478	482	494	532	454	224	200	93	177	4,027
Fort Yuma Indian Reservation, Bard Unit, CA	1294	927	1524	2383	2989	3219	3462	2904	1372	1258	669	756	22,754
Fort Yuma Indian Reservation, Indian Unit, CA	1775	1359	2207	2855	2064	1325	1236	998	547	970	638	852	16,825
Fort Yuma Indian Reservation and Picacho State Recreation Area, CA	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Yuma Indian Reservation and Yuma Proving Ground, CA	0	0	0	0	0	0	0	0	0	0	0	0	0
Hillander "C" Irrigation District, AZ	721	554	806	793	663	606	636	531	465	510	344	470	7,098
Imperial National Wildlife Refuge, AZ	5	4	18	38	48	41	16	14	11	7	3	4	210
Imperial National Wildlife Refuge, CA	0	0	0	0	0	0	0	0	0	0	0	0	0
Imperial National Wildlife Refuge and Yuma Proving Ground, CA	0	0	0	0	0	0	0	0	0	0	0	0	0
Mittry Lake State Wildlife Area, AZ	10	7	10	13	12	19	24	22	15	8	3	7	150
Imperial Irrigation District, CA	0	0	0	0	0	0	0	0	0	0	0	0	0
Coachella Valley Water District, CA	0	0	0	0	0	0	0	0	0	0	0	0	0
North Cocopah Indian Reservation, AZ	123	89	124	137	51	3	3	3	20	43	26	51	674
North Gila Valley Irrigation District, AZ	1441	929	1307	1963	2139	2474	3024	2719	1676	1075	515	782	20,045
Picacho State Recreation Area, CA	0	0	0	0	0	0	0	0	0	0	0	0	0
Sturges Gila Monster Ranch, AZ	398	258	397	541	527	648	874	817	663	400	180	220	5,923
Wellton-Mohawk Irrigation and Drainage District	0	0	0	0	0	0	0	0	0	0	0	0	0
State of Arizona	569	431	799	1056	1032	1047	1034	850	603	602	326	393	8,743
State of Arizona-Limitrophe Section	155	120	218	342	382	307	243	189	126	126	80	114	2,401
State of Arizona-Down Gradient from Yuma Mesa Irrigation and Drainage District	1701	1553	2897	3803	4290	4736	4983	4154	2539	2306	955	1300	35,217
State of California	367	313	511	663	704	741	770	643	487	537	243	271	6,249
Unit "B" Irrigation and Drainage District, AZ	305	239	420	561	726	848	891	747	588	514	227	269	6,334
University of Arizona Agricultural Station, AZ	10	6	13	17	21	24	25	21	18	15	8	8	185
West Cocopah Indian Reservation, AZ	250	198	383	607	756	802	727	577	337	372	214	216	5,438
Yuma Irrigation District, AZ	2758	1890	2746	3862	3614	3528	3673	3178	2042	1781	929	1461	31,464
Yuma Mesa Irrigation and Drainage District, AZ	3253	2564	4772	6122	7646	8950	9427	7911	6296	5738	2541	2932	68,152
Yuma Proving Ground, AZ	0	0	0	0	0	0	0	0	0	0	0	0	0
Yuma Proving Ground, CA	1	1	2	4	7	9	9	7	0	1	1	1	41
Yuma County Water Users Association, AZ	12490	8755	13414	18228	15695	12484	12492	10376	6832	7978	5067	6980	130,789
----------	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet B, Page 2 of 2			ET Monthly Summary Tables								
Imperial Dam to Mexico													
					Evapotranspiration from Riparian Vegetation (ETrv)								
Total of Diverters	January	February	March	April	May	June	July	August	September	October	November	December	Total
	1874	1665	3596	6609	10737	12907	13540	11311	9668	5981	1899	1032	80,819
Diverter Name													
Desert Lawn Memorial, AZ	No fields in field border database - will be dropped from future reports												
Fort Yuma Indian Reservation, AZ & Homesteads	116	103	175	246	379	451	473	395	338	227	93	71	3,066
Fort Yuma Indian Reservation, Mittry State Wildlife Area and Yuma Proving Ground, AZ	17	15	38	76	124	148	156	130	111	66	19	9	907
Fort Yuma Indian Reservation, CA	326	290	572	992	1613	1940	2035	1700	1454	936	319	185	12,361
Fort Yuma Indian Reservation, Bard Unit, CA	17	15	34	70	120	145	152	127	108	66	19	9	882
Fort Yuma Indian Reservation, Indian Unit, CA	33	30	60	112	189	228	240	200	171	106	33	18	1,421
Fort Yuma Indian Reservation and Picacho State Recreation Area, CA	33	30	60	112	189	228	240	200	171	106	33	18	1,421
Fort Yuma Indian Reservation and Yuma Proving Ground, CA	19	17	37	72	118	142	149	124	106	64	19	10	877
Hillander "C" Irrigation District, AZ	0	0	0	0	0	0	0	0	0	0	0	0	0
Imperial National Wildlife Refuge, AZ	126	112	294	553	850	1014	1064	889	759	434	130	71	6,297
Imperial National Wildlife Refuge, CA	2	2	3	3	5	6	6	5	4	3	1	1	41
Imperial National Wildlife Refuge and Yuma Proving Ground, CA	1	1	2	4	7	9	9	8	6	4	1	1	53
Mittry Lake State Wildlife Area, AZ	213	189	451	878	1432	1722	1806	1509	1289	780	231	112	10,612
Imperial Irrigation District, CA	0	0	0	0	0	0	0	0	0	0	0	0	0
Coachella Valley Water District, CA	0	0	0	0	0	0	0	0	0	0	0	0	0
North Cocopah Indian Reservation, AZ	17	15	31	60	102	125	131	109	93	58	18	9	767
North Gila Valley Irrigation District, AZ	46	41	95	177	281	336	353	295	252	155	49	26	2,105
Picacho State Recreation Area, CA	24	21	45	88	148	180	188	157	135	82	25	12	1,105
Sturges Gila Monster Ranch, AZ	14	12	45	86	117	137	144	120	102	50	14	9	849
Wellton-Mohawk Irrigation and Drainage District	0	0	0	0	0	0	0	0	0	0	0	0	0
State of Arizona	305	271	602	1121	1817	2179	2286	1910	1632	999	313	168	13,605
State of Arizona-Limitrophe Section	110	98	199	372	624	758	795	664	568	359	114	59	4,717
State of Arizona-Down Gradient from Yuma Mesa Irrigation and Drainage District	0	0	0	0	0	0	0	0	0	0	0	0	0
State of California	77	69	134	224	359	431	452	378	323	209	72	44	2,773
Unit "B" Irrigation and Drainage District, AZ	0	0	0	0	0	0	0	0	0	0	0	0	0
University of Arizona Agricultural Station, AZ	0	0	0	0	0	0	0	0	0	0	0	0	0
West Cocopah Indian Reservation, AZ	147	130	276	520	866	1044	1096	915	783	501	158	78	6,514
Yuma Irrigation District, AZ	29	26	50	88	145	175	183	153	131	84	28	16	1,109
Yuma Mesa Irrigation and Drainage District, AZ	0	0	0	0	0	0	0	0	0	0	0	0	0
Yuma Proving Ground, AZ	17	15	30	52	86	103	108	91	77	51	17	9	656
Yuma Proving Ground, CA	184	163	362	700	1166	1405	1475	1232	1052	641	192	97	8,669
Yuma County Water Users Association, AZ	1	1	1	1	1	1	2	1	1	1	0	0	11
----------	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS			Sheet C, Page 1 of 3				Evaporation							
Imperial Dam to Mexico														
Open-Water Evaporation (Surface Evaporation (acre-feet) = acres X ((evaporation rate (inches) - precipitation (inches))/12)))														
		January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Mainstream Evaporation (Acre-feet)		379	236	684	917	1127	1291	1351	1113	953	714	287	259	9,312
Colorado River	acres	999	999	999	999	999	999	999	999	999	999	999	999	
	Ac-ft	246	154	445	596	732	839	877	723	619	464	187	168	6,049
Mittry Lake	acres	442	442	442	442	442	442	442	442	442	442	442	442	
	Ac-ft	109	68	197	264	324	371	388	320	274	205	83	74	2,676
Pilot Knob Power Plant Delivery to Mexico	acres	97	97	97	97	97	97	97	97	97	97	97	97	
	Ac-ft	24	15	43	58	71	81	85	70	60	45	18	16	586
Note: Pilot Knob Power Plant Delivery to Mexico is the proportionate share of evaporation from water routed through the All American Canal and Pilot Knob Power Plant.														
Evaporation coefficient, (Jensen 2002)		0.85	0.96	1.03	1.04	1.03	1.03	1.04	1.04	1.02	0.99	0.87	0.75	
ETo, Yuma Area (averaged inches)		3.50	3.12	5.35	6.89	8.54	9.78	10.26	8.57	7.34	5.63	2.98	2.71	74.67
Evaporation rate (ETo X Evap. Coeff., inches)		2.98	3.00	5.51	7.17	8.80	10.07	10.67	8.91	7.49	5.57	2.59	2.03	74.78
Precipitation (Yuma area, averaged inches)		0.02	1.15	0.17	0.01	0.00	0.00	0.13	0.23	0.05	0.00	0.35	0.01	2.12
Net evaporation rate (corrected for precipitation)		2.96	1.85	5.34	7.16	8.80	10.07	10.54	8.68	7.44	5.57	2.24	2.02	72.66
Open-Water Evaporation Within District and Shared Canal Evaporation (3, added to evapotranspiration from crops)														
Fort Yuma Indian Reservation Bard Unit, CA	acres	28	28	28	28	28	28	28	28	28	28	28	28	
	Ac-ft	7	4	13	17	21	24	25	20	17	13	5	5	171
Fort Yuma Indian Reservation Indian Unit, CA	acres	20	20	20	20	20	20	20	20	20	20	20	20	
	Ac-ft	5	3	9	12	15	17	17	14	12	9	4	3	120
City of Yuma, AZ	acres	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	
	Ac-ft	3	2	6	8	10	11	12	9	8	6	2	2	79
Yuma County WUA, AZ	acres	306	306	306	306	306	306	306	306	306	306	306	306	
	Ac-ft	75	47	136	183	224	257	269	222	190	142	57	52	1854
Imperian Irrigation District, CA and Coachella	acres	519	519	519	519	519	519	519	519	519	519	519	519	
Valley Water District, CA	Ac-ft	128	80	231	309	380	435	456	375	321	241	97	87	3140
Pilot Knob Power Plant and Wasteway	acres	97	97	97	97	97	97	97	97	97	97	97	97	
	Ac-ft	24	15	43	58	71	81	85	70	60	45	18	16	586
Yuma Proving Ground, AZ	acres	0	0	0	0	0	0	0	0	0	0	0	0	
	Ac-ft	0	0	0	0	0	0	0	0	0	0	0	0	0
North Gila Irrigation and Drainage District, AZ	acres	8	8	8	8	8	8	8	8	8	8	8	8	
	Ac-ft	2	1	4	5	6	7	7	6	5	4	2	1	50
Sturges Gila Monster Ranch, AZ	acres	3	3	3	3	3	3	3	3	3	3	3	3	
	Ac-ft	1	1	1	2	2	3	3	2	2	2	1	1	20
Wellton-Mohawk Irrigation and Drainage District,	acres	137	137	137	137	137	137	137	137	137	137	137	137	
AZ	Ac-ft	34	21	61	82	100	115	120	99	85	64	26	23	830
Yuma Irrgation District, AZ	acres	59	59	59	59	59	59	59	59	59	59	59	59	
	Ac-ft	15	9	26	35	44	50	52	43	37	28	11	10	360
Yuma Mesa Irrigation and Drainage District, AZ	acres	171	171	171	171	171	171	171	171	171	171	171	171	
	Ac-ft	42	26	76	102	126	144	150	124	106	80	32	29	1037
Unit "B" Irrigation and Drainage District, AZ	acres	19	19	19	19	19	19	19	19	19	19	19	19	
	Ac-ft	5	3	8	11	14	16	17	14	12	9	4	3	116
											Total Yuma Area Canal Evap.		=	6935
(3) - Open water area of larger canals, distribution laterals, and storage ponds which are distinguishable on 10 meter IRS imagery.														

2003 LCRAS	Sheet C, Page 2 of 3						Evaporation	
Imperial Dam to Mexico								
Shared (multi-user) canal evaporation calculation - All American Canal								
Total Open Water Surface (Acres) 1/						662		
			1	2	3	4	5	6
			POD Mileage	Diversion	Div. Miles	Open Water	Non-shared	Total Open
Yuma Project, Reservation Division			(mi)	(Ac-Ft)		Area	Canal Area	Water Area
Fort Yuma Indian Reservation Bard Unit, CA			7	46,977	308,639	2	26	28
Fort Yuma Indian Reservation Indian Unit, CA			10	46,352	446,370	3	17	20
City of Yuma, AZ			15	29,459	433,047	3	10	13
Yuma County Water Users Association, AZ			15	352,225	5,177,708	38	268	306
Imperial Irrigation District, CA and Coachella Valley Water District, CA	2/	Export	21	3,372,274	70,885,199	519		519
Pilot Knob Power Plant and Wasteway	3/	Mainstream	21	644,760	13,230,475	97		97
			Sums	4,492,047	90,481,438	662		
Footnotes:								
1/ Open water acreage of the AAC digitized from 5 meter IRS imagery								
2/ Flow measured by the USGS at station 09527500, also known as station 1117+00 of the AAC								
3/ Flow measured by the USGS through the Pilot Knob Power Plant and Waste Way at station 09527000, also known as station 1093+92 of the AAC.								
	Water flows through the PKPP & WW into the River above Morelos dam, for satisfaction of Mexican deliveries.							
	Evaporation resulting from water diverted through the PKPP&WW is assigned to the mainstream.							
Column descriptions:								
1 - Point of Diversion Mileage is the distance in miles from Imperial dam to the turnout or the weighted average of turnouts of the User.								
	Weighted average calculated by multiplying the diversion measured at each turnout							
	by the distance of the turnout from Imperial dam divided by total measured diversions of the User. Calculated using CY2000 diversions.							
2 - Diversion of each User at Imperial Dam.	Diversion at Imperial Dam as reported by the USGS or USBR in the annual Decree accounting repor							
3 - Diversion - Miles is calculated by multiplying the Users diversion times canal miles between Imperial dam and								
	the user's average point of diversion.							
4 - The portion of open water area, yielding evaporation, resulting from a users quantity of water in the Canal,								
	that should be charged against their entitlement.							
	Calculated as the diversion mileage for the user divided by the total diversion miles for all users times the total open water acreage of the canal.							
5 - Portions of canals that lie fully within a district boundary and supply water to the district, includes some canal reaches that supply water to two								
	districts. In this case the acreage was pro-rated based on percentatge of flow to each district.							
6 - The sum of shared and non- shared canal surface area, represents the sum of canal open water area for each district.								
Notes:								
Bank to bank canal area calculated by screen digitizing over 5-meter resolution panchromatic IRS imagery.								
	Total of Shared AAC = 656.2 acres.							
	Yuma Main Canal between AAC and City of Yuma = 46.7							
	E & W main canals within YCWUA boundary = 231.2							
	Reservation Main Canal = 42.5							

2003 LCRAS	Sheet C, Page 3 of 3						Evaporation							
Imperial Dam to Mexico Water Balance Table														
All Values in Acre Feet.														
Shared (multi-user) canal evaporation calculation - Gila Gravity Main Canal														
Total Open Water Surface (Acres) 1/						279								
			1	2	3	4	5	6						
			POD Mileage	Diversion	Div. Miles	Open Water	Non-shared	Total Open						
			(mi)	(Ac-Ft)		Area	Canal Area	Water Area						
Yuma Proving Ground, AZ			3	4	10	0		0						
North Gila Irrigation and Drainage District, AZ			8	45,191	381,864	8		8						
Sturges Gila Monster Ranch, AZ			14	11,349	154,006	3		3						
Wellton-Mohawk Irrigation and Drainage District, AZ	2/	Export	15	414,909	6,331,511	137		137						
Yuma Irrigation District, AZ			20	64,827	1,280,333	28	32	59						
City of Yuma, AZ			21	557	11,708	0	0	0						
Yuma Mesa Irrigation and Drainage District, AZ			21	199,059	4,184,220	91	81	171						
Unit "B" Irrigation and Drainage District, AZ			21	25,794	542,190	12	7	19						
			Sums	761,690	12,885,843	279								
Footnotes:														
1/ Open water acreage of the GGMC digitized from 5 meter IRS imag														
2/ GS measured flow near headworks of Wellton-Mohawk canal.														
Column descriptions:														
1 - Point of Diversion Mileage is the distance in miles from Imperial dam to the turnout or the weighted average of turnouts of the User.														
	Weighted average calculated by multiplying the diversion measured at each turnout													
	by the distance of the turnout from Imperial dam divided by total measured diversions of the User. Calculated using 2000 diversions.													
2 - Diversion of each User at Imperial Dam.	Diversion at Imperial Dam as reported by the USGS or USBR in the annual Decree accounting repor													
3 - Diversion - Miles is calculated by multiplying the Users diversion times canal miles between Imperial dam and														
	the user's average point of diversion.													
4 - The portion of open water area, yielding evaporation, resulting from a users quantity of water in the Canal,														
	that should be charged against their entitlement.													
	Calculated as the diversion mileage for the user divided by the total diversion miles for all users times the total open water acreage of the canal.													
5 - Portions of canals that lie fully within a district boundary and supply water to the district, includes some canal reaches that supply water to two														
	districts. In this case the acreage was pro-rated based on percentatge of flow to each district.													
6 - The sum of shared and non- shared canal surface area, represents the sum of canal open water area for each district.														
Notes:														
Bank to bank canal area calculated by screen digitizing over 5-meter resolution panchromatic IRS imagery.														
	Total of Shared GGMC = 224.88 acres.													
	Canal within YID = 31.66													
	Canal within YMID = 23.56													
	Portion of Yuma Mesa Canal that delivers water to YMID and Unit B = 64.38													

2003 LCRAS		Sheet D, Page 1 of 3			Desert Lawn Memorial, AZ								
Imperial Dam to Mexico	No fields in field border database - will be dropped from future repor												
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet D, Page 2 of 3			Desert Lawn Memorial, AZ								
Imperial Dam to Mexico													
	January	February	March	April	May	June	July	August	September	October	November	December	
Desert Lawn Memorial, AZ													
Acreages (acres)													
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	No fields in field border database - will be dropped from future repor												
Alfalfa-perennial													
Alfalfa-annual													
Alfalfa-seed													
Cotton													
Small Grain													
Field Grain													
Lettuce-spring													
Lettuce-fall													
Melons-spring													
Melons-fall													
Bermuda													
Bermuda w/ rye													
Citrus-young													
Citrus-mature													
Citrus-declining													
Tomatoes													
Sudan													
Legume/Solanum Veg													
Crucifers													
Dates													
Safflower													
Orchards													
Small Vegetables													
Root Vegetables													
Perennial Vegetables													
Sugar Beets													
Grapes													
Herbs-(miscellaneous)													
Moist Soil Unit													
Seasonal Wetland													
Note: This is a cemetary park, agricultural acres are static from year to year unless size of park changes. Bermuda overseeded with rye grass in winter.													
Total Riparian Vegetation Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Marsh													
Barren													
Sc-low													
Sc-high													
Sc/ms													
Sc/aw													
Sc/ms/aw													
Ms-low													
Ms-high													
Ms/aw													
Aw													
Cw													
Low Veg													

2003 LCRAS		Sheet D, Page 3 of 3			Desert Lawn Memorial, AZ								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet E, Page 1 of 3			Fort Yuma Indian Reservation, AZ & Homesteads								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	167	116	156	202	143	106	108	87	23	33	21	74	1,236
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	116	103	175	246	379	451	473	395	338	227	93	71	3066
Monthly ET values, Crop Groups													
Alfalfa-perennial	0	0	1	1	1	1	1	1	1	1	0	0	9
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	81	77	151	168	60	0	0	0	0	0	0	23	559
Field Grain	0	0	1	3	4	3	0	0	0	0	0	0	12
Lettuce-spring	0	0	0	0	0	0	0	0	12	28	17	0	57
Lettuce-fall	83	37	0	0	0	0	0	0	0	0	0	46	166
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	3	8	9	10	8	7	0	0	0	46
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	24	70	92	96	78	0	0	0	0	361
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	2	0	0	0	0	0	0	0	3	4	3	3	16
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	2	1	2	3	0	0	0	0	0	1	1	1	11
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	1	0	3	5	6	7	7	6	5	2	0	0	43
Barren	72	63	82	61	72	82	86	72	62	52	40	48	791
Sc-low	4	4	7	15	27	34	35	30	25	15	4	2	202
Sc-high	6	5	13	27	46	55	58	48	41	25	7	3	333
Sc/ms	10	8	21	45	78	94	99	82	70	42	11	5	564
Sc/aw	1	1	3	6	10	13	13	11	9	6	2	1	75
Sc/ms/aw	0	0	1	2	4	4	4	4	3	2	1	0	26
Ms-low	6	5	12	22	35	42	44	37	31	22	7	3	266
Ms-high	2	2	6	11	18	21	22	19	16	11	4	1	134
Ms/aw	1	0	1	2	4	4	4	4	3	2	1	0	27
Aw	2	2	5	9	16	20	21	17	15	9	3	1	120
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	11	10	22	41	64	75	79	66	56	39	14	7	484

2003 LCRAS		Sheet E, Page 2 of 3			Fort Yuma Indian Reservation, AZ & Homesteads							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	822.59	822.59	822.59	822.59	822.59	822.59	822.59	822.59	822.59	822.59	822.59	822.59
Alfalfa-perennial	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	305.96	305.96	305.96	305.96	305.96	305.96	305.96	305.96	305.96	305.96	305.96	305.96
Field Grain	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78
Lettuce-spring	78.76	78.76	78.76	78.76	78.76	78.76	78.76	78.76	78.76	78.76	78.76	78.76
Lettuce-fall	296.73	296.73	296.73	296.73	296.73	296.73	296.73	296.73	296.73	296.73	296.73	296.73
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	13.71	13.71	13.71	13.71	13.71	13.71	13.71	13.71	13.71	13.71	13.71	13.71
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	99.82	99.82	99.82	99.82	99.82	99.82	99.82	99.82	99.82	99.82	99.82	99.82
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	15.55	15.55	15.55	15.55	15.55	15.55	15.55	15.55	15.55	15.55	15.55	15.55
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.60
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	1194.03	1194.03	1194.03	1194.03	1194.03	1194.03	1194.03	1194.03	1194.03	1194.03	1194.03	1194.03
Marsh	7.17	7.17	7.17	7.17	7.17	7.17	7.17	7.17	7.17	7.17	7.17	7.17
Barren	739.70	739.70	739.70	739.70	739.70	739.70	739.70	739.70	739.70	739.70	739.70	739.70
Sc-low	42.51	42.51	42.51	42.51	42.51	42.51	42.51	42.51	42.51	42.51	42.51	42.51
Sc-high	61.80	61.80	61.80	61.80	61.80	61.80	61.80	61.80	61.80	61.80	61.80	61.80
Sc/ms	98.84	98.84	98.84	98.84	98.84	98.84	98.84	98.84	98.84	98.84	98.84	98.84
Sc/aw	13.59	13.59	13.59	13.59	13.59	13.59	13.59	13.59	13.59	13.59	13.59	13.59
Sc/ms/aw	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48
Ms-low	63.23	63.23	63.23	63.23	63.23	63.23	63.23	63.23	63.23	63.23	63.23	63.23
Ms-high	25.53	25.53	25.53	25.53	25.53	25.53	25.53	25.53	25.53	25.53	25.53	25.53
Ms/aw	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39
Aw	24.39	24.39	24.39	24.39	24.39	24.39	24.39	24.39	24.39	24.39	24.39	24.39
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	107.40	107.40	107.40	107.40	107.40	107.40	107.40	107.40	107.40	107.40	107.40	107.40

2003 LCRAS		Sheet E, Page 3 of 3			Fort Yuma Indian Reservation, AZ & Homesteads								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet F, Page 1 of 3			Fort Yuma Indian Reservation, Mittry State Wildlife Area and Yuma Proving Ground, AZ								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	17	15	38	76	124	148	156	130	111	66	19	9	907
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	1	1	6	12	15	17	18	15	12	5	1	1	103
Barren	0	0	1	0	0	1	1	0	0	0	0	0	5
Sc-low	0	0	1	2	3	4	4	3	3	2	0	0	21
Sc-high	8	7	17	37	63	76	80	67	57	34	9	4	458
Sc/ms	2	2	4	10	17	20	21	18	15	9	2	1	122
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	1	1	2	4	6	7	8	6	5	4	1	1	47
Ms-high	1	1	2	4	7	8	8	7	6	4	1	1	49
Ms/aw	0	0	1	1	2	2	2	2	1	1	0	0	12
Aw	1	1	2	5	8	10	10	9	7	5	1	1	60
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	1	1	1	3	4	5	5	4	3	2	1	0	30

2003 LCRAS		Sheet F, Page 2 of 3			Fort Yuma Indian Reservation, Mittry State Wildlife Area and Yuma Proving Ground, AZ								
Imperial Dam to Mexico													
	January	February	March	April	May	June	July	August	September	October	November	December	
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Riparian Vegetation Acres	174.68	174.68	174.68	174.68	174.68	174.68	174.68	174.68	174.68	174.68	174.68	174.68	
Marsh	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	
Barren	5.11	5.11	5.11	5.11	5.11	5.11	5.11	5.11	5.11	5.11	5.11	5.11	
Sc-low	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.42	
Sc-high	84.96	84.96	84.96	84.96	84.96	84.96	84.96	84.96	84.96	84.96	84.96	84.96	
Sc/ms	21.37	21.37	21.37	21.37	21.37	21.37	21.37	21.37	21.37	21.37	21.37	21.37	
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ms-low	11.08	11.08	11.08	11.08	11.08	11.08	11.08	11.08	11.08	11.08	11.08	11.08	
Ms-high	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	
Ms/aw	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	
Aw	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Low Veg	6.64	6.64	6.64	6.64	6.64	6.64	6.64	6.64	6.64	6.64	6.64	6.64	
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

2003 LCRAS		Sheet F, Page 3 of 3			Fort Yuma Indian Reservation, Mittry State Wildlife Area and Yuma Proving Ground, AZ								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet G, Page 1 of 3			Fort Yuma Indian Reservation, CA								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	320	233	340	478	482	494	532	454	224	200	93	177	4,027
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	326	290	572	992	1613	1940	2035	1700	1454	936	319	185	12361
Monthly ET Values, Crop Groups													
Alfalfa-perennial	40	39	67	84	107	130	138	117	93	90	33	43	981
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	10	21	40	78	117	114	85	20	0	0	486
Small Grain	122	117	230	254	91	0	0	0	0	0	0	35	848
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	31	70	43	0	145
Lettuce-fall	144	65	0	0	0	0	0	0	0	0	0	80	288
Melons-spring	0	1	3	4	4	0	0	0	0	0	0	0	12
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	5	15	26	31	14	0	0	0	0	0	0	91
Sudan	0	0	0	69	200	261	274	221	0	0	0	0	1026
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	6	0	0	0	0	0	0	0	12	14	12	13	58
Dates	1	0	1	1	2	2	2	2	1	1	1	1	14
Safflower	0	1	3	6	8	8	2	0	0	0	0	0	27
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	8	6	12	13	0	0	0	0	0	4	4	5	50
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	3	3	15	28	35	40	42	35	30	11	3	2	247
Barren	101	90	116	86	101	116	122	102	87	73	57	68	1116
Sc-low	55	49	96	202	363	455	476	398	340	204	58	26	2722
Sc-high	24	22	51	109	187	226	237	198	169	101	28	12	1364
Sc/ms	24	21	52	111	194	235	246	206	176	104	28	11	1409
Sc/aw	10	9	21	44	77	93	97	81	70	41	11	5	559
Sc/ms/aw	2	2	5	10	17	21	22	18	15	10	3	1	126
Ms-low	9	8	18	32	51	61	64	53	46	32	10	4	388
Ms-high	3	3	7	15	23	27	28	24	20	14	5	2	171
Ms/aw	3	2	6	12	19	22	23	19	16	11	4	1	137
Aw	14	12	27	54	91	113	118	99	85	54	16	7	688
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	78	70	159	290	454	533	559	467	400	278	98	46	3433

2003 LCRAS		Sheet G, Page 2 of 3			Fort Yuma Indian Reservation, CA							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	1929.01	1929.01	1929.01	1929.01	1929.01	1929.01	1929.01	1929.01	1929.01	1929.01	1929.01	1929.01
Alfalfa-perennial	180.79	180.79	180.79	180.79	180.79	180.79	180.79	180.79	180.79	180.79	180.79	180.79
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	142.11	142.11	142.11	142.11	142.11	142.11	142.11	142.11	142.11	142.11	142.11	142.11
Small Grain	463.91	463.91	463.91	463.91	463.91	463.91	463.91	463.91	463.91	463.91	463.91	463.91
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	201.09	201.09	201.09	201.09	201.09	201.09	201.09	201.09	201.09	201.09	201.09	201.09
Lettuce-fall	516.14	516.14	516.14	516.14	516.14	516.14	516.14	516.14	516.14	516.14	516.14	516.14
Melons-spring	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	39.33	39.33	39.33	39.33	39.33	39.33	39.33	39.33	39.33	39.33	39.33	39.33
Sudan	283.50	283.50	283.50	283.50	283.50	283.50	283.50	283.50	283.50	283.50	283.50	283.50
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	57.69	57.69	57.69	57.69	57.69	57.69	57.69	57.69	57.69	57.69	57.69	57.69
Dates	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38
Safflower	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	26.52	26.52	26.52	26.52	26.52	26.52	26.52	26.52	26.52	26.52	26.52	26.52
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	3333.73	3333.73	3333.73	3333.73	3333.73	3333.73	3333.73	3333.73	3333.73	3333.73	3333.73	3333.73
Marsh	41.28	41.28	41.28	41.28	41.28	41.28	41.28	41.28	41.28	41.28	41.28	41.28
Barren	1043.39	1043.39	1043.39	1043.39	1043.39	1043.39	1043.39	1043.39	1043.39	1043.39	1043.39	1043.39
Sc-low	572.35	572.35	572.35	572.35	572.35	572.35	572.35	572.35	572.35	572.35	572.35	572.35
Sc-high	252.82	252.82	252.82	252.82	252.82	252.82	252.82	252.82	252.82	252.82	252.82	252.82
Sc/ms	246.80	246.80	246.80	246.80	246.80	246.80	246.80	246.80	246.80	246.80	246.80	246.80
Sc/aw	100.96	100.96	100.96	100.96	100.96	100.96	100.96	100.96	100.96	100.96	100.96	100.96
Sc/ms/aw	21.76	21.76	21.76	21.76	21.76	21.76	21.76	21.76	21.76	21.76	21.76	21.76
Ms-low	92.40	92.40	92.40	92.40	92.40	92.40	92.40	92.40	92.40	92.40	92.40	92.40
Ms-high	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57
Ms/aw	27.30	27.30	27.30	27.30	27.30	27.30	27.30	27.30	27.30	27.30	27.30	27.30
Aw	139.72	139.72	139.72	139.72	139.72	139.72	139.72	139.72	139.72	139.72	139.72	139.72
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	762.38	762.38	762.38	762.38	762.38	762.38	762.38	762.38	762.38	762.38	762.38	762.38

2003 LCRAS		Sheet G, Page 3 of 3			Fort Yuma Indian Reservation, CA								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet H, Page 1 of 3			Fort Yuma Indian Reservation, Bard Unit, CA								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	1294	927	1524	2383	2989	3219	3462	2904	1372	1258	669	756	22,754
Open-Water Evap (Acre-Feet)	7	4	13	17	21	24	25	20	17	13	5	5	171
Total Riparian Veg. ET (Acre-Feet)	17	15	34	70	120	145	152	127	108	66	19	9	882
Monthly ET Values, Crop Groups													
Alfalfa-perennial	20	20	35	43	55	67	71	60	48	47	17	22	506
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	43	90	168	329	491	479	359	86	0	0	2045
Small Grain	409	391	769	850	304	0	0	0	0	0	0	116	2839
Field Grain	0	2	22	53	70	52	0	0	0	0	0	0	198
Lettuce-spring	0	0	0	0	0	0	0	0	228	515	315	0	1058
Lettuce-fall	503	226	0	0	0	0	0	0	0	0	0	280	1010
Melons-spring	0	37	97	142	163	0	0	0	0	0	0	0	440
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	1	1	1	1	1	0	0	0	6
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	14	8	19	24	29	32	34	28	25	20	10	11	255
Citrus-mature	85	57	119	149	176	196	206	172	150	123	65	67	1565
Citrus-declining	1	1	2	2	3	3	3	3	2	2	1	1	25
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	488	1412	1847	1937	1564	0	0	0	0	7248
Legume/Solanum Veg	3	2	1	0	0	0	0	0	0	1	2	2	12
Crucifers	21	0	0	0	0	0	0	0	40	44	40	42	187
Dates	198	153	354	468	578	659	688	572	487	372	186	177	4893
Safflower	0	0	2	3	5	5	1	0	0	0	0	0	16
Orchards	1	0	1	3	4	4	5	4	3	3	1	1	30
Small Vegetables	31	24	47	51	0	0	0	0	0	15	15	20	203
Root Vegetables	0	0	0	0	0	0	0	0	10	17	11	10	48
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	1	1	1	1	1	1	1	1	1	1	1	1	10
Sc-low	4	3	7	14	25	31	33	27	23	14	4	2	186
Sc-high	5	5	11	24	40	49	51	43	37	22	6	3	295
Sc/ms	3	3	7	15	26	31	33	27	23	14	4	2	187
Sc/aw	1	1	2	5	8	10	10	9	7	4	1	0	59
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	2	1	4	7	12	14	14	12	10	7	2	1	86
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	1	1	3	5	8	9	10	8	7	5	2	1	59

2003 LCRAS		Sheet H, Page 2 of 3			Fort Yuma Indian Reservation, Bard Unit, CA							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	9591.86	9591.86	9591.86	9591.86	9591.86	9591.86	9591.86	9591.86	9591.86	9591.86	9591.86	9591.86
Alfalfa-perennial	93.29	93.29	93.29	93.29	93.29	93.29	93.29	93.29	93.29	93.29	93.29	93.29
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	597.41	597.41	597.41	597.41	597.41	597.41	597.41	597.41	597.41	597.41	597.41	597.41
Small Grain	1552.54	1552.54	1552.54	1552.54	1552.54	1552.54	1552.54	1552.54	1552.54	1552.54	1552.54	1552.54
Field Grain	82.35	82.35	82.35	82.35	82.35	82.35	82.35	82.35	82.35	82.35	82.35	82.35
Lettuce-spring	1470.62	1470.62	1470.62	1470.62	1470.62	1470.62	1470.62	1470.62	1470.62	1470.62	1470.62	1470.62
Lettuce-fall	1808.87	1808.87	1808.87	1808.87	1808.87	1808.87	1808.87	1808.87	1808.87	1808.87	1808.87	1808.87
Melons-spring	245.21	245.21	245.21	245.21	245.21	245.21	245.21	245.21	245.21	245.21	245.21	245.21
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	115.61	115.61	115.61	115.61	115.61	115.61	115.61	115.61	115.61	115.61	115.61	115.61
Citrus-mature	421.80	421.80	421.80	421.80	421.80	421.80	421.80	421.80	421.80	421.80	421.80	421.80
Citrus-declining	9.83	9.83	9.83	9.83	9.83	9.83	9.83	9.83	9.83	9.83	9.83	9.83
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	2003.51	2003.51	2003.51	2003.51	2003.51	2003.51	2003.51	2003.51	2003.51	2003.51	2003.51	2003.51
Legume/Solanum Veg	10.49	10.49	10.49	10.49	10.49	10.49	10.49	10.49	10.49	10.49	10.49	10.49
Crucifers	185.85	185.85	185.85	185.85	185.85	185.85	185.85	185.85	185.85	185.85	185.85	185.85
Dates	828.16	828.16	828.16	828.16	828.16	828.16	828.16	828.16	828.16	828.16	828.16	828.16
Safflower	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17
Orchards	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39
Small Vegetables	106.74	106.74	106.74	106.74	106.74	106.74	106.74	106.74	106.74	106.74	106.74	106.74
Root Vegetables	46.22	46.22	46.22	46.22	46.22	46.22	46.22	46.22	46.22	46.22	46.22	46.22
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	176.19	176.19	176.19	176.19	176.19	176.19	176.19	176.19	176.19	176.19	176.19	176.19
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	9.60	9.60	9.60	9.60	9.60	9.60	9.60	9.60	9.60	9.60	9.60	9.60
Sc-low	39.05	39.05	39.05	39.05	39.05	39.05	39.05	39.05	39.05	39.05	39.05	39.05
Sc-high	54.69	54.69	54.69	54.69	54.69	54.69	54.69	54.69	54.69	54.69	54.69	54.69
Sc/ms	32.75	32.75	32.75	32.75	32.75	32.75	32.75	32.75	32.75	32.75	32.75	32.75
Sc/aw	10.66	10.66	10.66	10.66	10.66	10.66	10.66	10.66	10.66	10.66	10.66	10.66
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	16.37	16.37	16.37	16.37	16.37	16.37	16.37	16.37	16.37	16.37	16.37	16.37
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	13.07	13.07	13.07	13.07	13.07	13.07	13.07	13.07	13.07	13.07	13.07	13.07

2003 LCRAS		Sheet H, Page 3 of 3			Fort Yuma Indian Reservation, Bard Unit, CA								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet I, Page 1 of 3			Fort Yuma Indian Reservation, Indian Unit, CA								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
(All values in acre-feet)	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	1775	1359	2207	2855	2064	1325	1236	998	547	970	638	852	16,825
Open-Water Evap (Acre-Feet)	5	3	9	12	15	17	17	14	12	9	4	3	120
Total Riparian Veg. ET (Acre-Feet)	33	30	60	112	189	228	240	200	171	106	33	18	1421
Monthly ET Values, Crop Groups													
Alfalfa-perennial	7	7	12	15	19	24	25	21	17	16	6	8	177
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	1	3	5	10	15	15	11	3	0	0	64
Small Grain	1043	996	1960	2168	775	0	0	0	0	0	0	297	7239
Field Grain	0	5	52	126	167	124	0	0	0	0	0	0	475
Lettuce-spring	0	0	0	0	0	0	0	0	313	708	433	0	1454
Lettuce-fall	619	278	0	0	0	0	0	0	0	0	0	345	1241
Melons-spring	0	44	116	169	194	0	0	0	0	0	0	0	523
Melons-fall	0	0	0	0	0	0	0	0	22	30	17	15	84
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	4	3	5	4	9	11	11	9	8	3	3	3	73
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	290	841	1100	1153	932	0	0	0	0	4316
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	72	0	0	0	0	0	0	0	140	156	141	146	655
Dates	2	2	4	5	7	7	8	6	6	4	2	2	55
Safflower	0	2	12	24	32	33	6	0	0	0	0	0	109
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	23	18	35	38	0	0	0	0	0	12	11	15	153
Root Vegetables	0	0	0	0	0	0	0	0	18	29	20	17	85
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	8	7	10	7	8	10	10	8	7	6	5	6	93
Sc-low	5	4	8	18	32	40	42	35	30	18	5	2	240
Sc-high	15	13	31	65	112	135	142	118	101	60	17	7	816
Sc/ms	1	1	2	4	7	8	9	7	6	4	1	0	50
Sc/aw	1	1	2	4	7	8	9	7	6	4	1	0	50
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	1
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	1	2	2	2	2	1	1	0	0	12
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	4	3	7	13	21	25	26	22	19	13	5	2	159

2003 LCRAS		Sheet I, Page 2 of 3			Fort Yuma Indian Reservation, Indian Unit, CA							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	10883.62	10883.62	10883.62	10883.62	10883.62	10883.62	10883.62	10883.62	10883.62	10883.62	10883.62	10883.62
Alfalfa-perennial	32.65	32.65	32.65	32.65	32.65	32.65	32.65	32.65	32.65	32.65	32.65	32.65
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	18.67	18.67	18.67	18.67	18.67	18.67	18.67	18.67	18.67	18.67	18.67	18.67
Small Grain	3959.52	3959.52	3959.52	3959.52	3959.52	3959.52	3959.52	3959.52	3959.52	3959.52	3959.52	3959.52
Field Grain	197.37	197.37	197.37	197.37	197.37	197.37	197.37	197.37	197.37	197.37	197.37	197.37
Lettuce-spring	2021.74	2021.74	2021.74	2021.74	2021.74	2021.74	2021.74	2021.74	2021.74	2021.74	2021.74	2021.74
Lettuce-fall	2222.93	2222.93	2222.93	2222.93	2222.93	2222.93	2222.93	2222.93	2222.93	2222.93	2222.93	2222.93
Melons-spring	291.43	291.43	291.43	291.43	291.43	291.43	291.43	291.43	291.43	291.43	291.43	291.43
Melons-fall	72.47	72.47	72.47	72.47	72.47	72.47	72.47	72.47	72.47	72.47	72.47	72.47
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	15.41	15.41	15.41	15.41	15.41	15.41	15.41	15.41	15.41	15.41	15.41	15.41
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	1192.99	1192.99	1192.99	1192.99	1192.99	1192.99	1192.99	1192.99	1192.99	1192.99	1192.99	1192.99
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	651.03	651.03	651.03	651.03	651.03	651.03	651.03	651.03	651.03	651.03	651.03	651.03
Dates	9.39	9.39	9.39	9.39	9.39	9.39	9.39	9.39	9.39	9.39	9.39	9.39
Safflower	36.35	36.35	36.35	36.35	36.35	36.35	36.35	36.35	36.35	36.35	36.35	36.35
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	80.74	80.74	80.74	80.74	80.74	80.74	80.74	80.74	80.74	80.74	80.74	80.74
Root Vegetables	80.93	80.93	80.93	80.93	80.93	80.93	80.93	80.93	80.93	80.93	80.93	80.93
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	344.25	344.25	344.25	344.25	344.25	344.25	344.25	344.25	344.25	344.25	344.25	344.25
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	86.73	86.73	86.73	86.73	86.73	86.73	86.73	86.73	86.73	86.73	86.73	86.73
Sc-low	50.39	50.39	50.39	50.39	50.39	50.39	50.39	50.39	50.39	50.39	50.39	50.39
Sc-high	151.25	151.25	151.25	151.25	151.25	151.25	151.25	151.25	151.25	151.25	151.25	151.25
Sc/ms	8.81	8.81	8.81	8.81	8.81	8.81	8.81	8.81	8.81	8.81	8.81	8.81
Sc/aw	8.98	8.98	8.98	8.98	8.98	8.98	8.98	8.98	8.98	8.98	8.98	8.98
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	35.30	35.30	35.30	35.30	35.30	35.30	35.30	35.30	35.30	35.30	35.30	35.30

2003 LCRAS		Sheet I, Page 3 of 3			Fort Yuma Indian Reservation, Indian Unit, CA								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet J, Page 1 of 3			Fort Yuma Indian Reservation and Picacho State Recreation Area, CA								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	33	30	60	112	189	228	240	200	171	106	33	18	1421
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	8	7	10	7	8	10	10	8	7	6	5	6	93
Sc-low	5	4	8	18	32	40	42	35	30	18	5	2	240
Sc-high	15	13	31	65	112	135	142	118	101	60	17	7	816
Sc/ms	1	1	2	4	7	8	9	7	6	4	1	0	50
Sc/aw	1	1	2	4	7	8	9	7	6	4	1	0	50
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	1
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	1	2	2	2	2	1	1	0	0	12
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	4	3	7	13	21	25	26	22	19	13	5	2	159

2003 LCRAS		Sheet J, Page 2 of 3			Fort Yuma Indian Reservation and Picacho State Recreation Area, CA							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Phreatophyte Acres	344.25	344.25	344.25	344.25	344.25	344.25	344.25	344.25	344.25	344.25	344.25	344.25
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	86.73	86.73	86.73	86.73	86.73	86.73	86.73	86.73	86.73	86.73	86.73	86.73
Sc-low	50.39	50.39	50.39	50.39	50.39	50.39	50.39	50.39	50.39	50.39	50.39	50.39
Sc-high	151.25	151.25	151.25	151.25	151.25	151.25	151.25	151.25	151.25	151.25	151.25	151.25
Sc/ms	8.81	8.81	8.81	8.81	8.81	8.81	8.81	8.81	8.81	8.81	8.81	8.81
Sc/aw	8.98	8.98	8.98	8.98	8.98	8.98	8.98	8.98	8.98	8.98	8.98	8.98
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	35.30	35.30	35.30	35.30	35.30	35.30	35.30	35.30	35.30	35.30	35.30	35.30

2003 LCRAS		Sheet J, Page 3 of 3			Fort Yuma Indian Reservation and Picacho State Recreation Area, CA								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet K, Page 1 of 3			Fort Yuma Indian Reservation and Yuma Proving Ground, CA								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	19	17	37	72	118	142	149	124	106	64	19	10	877
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	1	1	4	8	10	11	12	10	8	3	1	1	68
Barren	4	3	4	3	4	4	4	4	3	3	2	2	39
Sc-low	3	2	5	10	17	22	23	19	16	10	3	1	131
Sc-high	4	4	9	20	34	41	44	36	31	19	5	2	250
Sc/ms	2	2	5	10	17	21	22	18	15	9	2	1	124
Sc/aw	2	2	4	9	16	19	20	17	14	9	2	1	115
Sc/ms/aw	1	1	2	4	7	8	9	7	6	4	1	0	51
Ms-low	0	0	1	1	1	2	2	2	1	1	0	0	11
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	1	2	4	4	4	4	3	2	1	0	26
Aw	0	0	1	2	3	3	4	3	3	2	0	0	21
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	1	1	2	3	5	6	7	6	5	3	1	1	41

2003 LCRAS		Sheet K, Page 2 of 3			Fort Yuma Indian Reservation and Yuma Proving Ground, CA							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	194.05	194.05	194.05	194.05	194.05	194.05	194.05	194.05	194.05	194.05	194.05	194.05
Marsh	11.42	11.42	11.42	11.42	11.42	11.42	11.42	11.42	11.42	11.42	11.42	11.42
Barren	36.34	36.34	36.34	36.34	36.34	36.34	36.34	36.34	36.34	36.34	36.34	36.34
Sc-low	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50
Sc-high	46.41	46.41	46.41	46.41	46.41	46.41	46.41	46.41	46.41	46.41	46.41	46.41
Sc/ms	21.71	21.71	21.71	21.71	21.71	21.71	21.71	21.71	21.71	21.71	21.71	21.71
Sc/aw	20.69	20.69	20.69	20.69	20.69	20.69	20.69	20.69	20.69	20.69	20.69	20.69
Sc/ms/aw	8.79	8.79	8.79	8.79	8.79	8.79	8.79	8.79	8.79	8.79	8.79	8.79
Ms-low	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15
Aw	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19

2003 LCRAS		Sheet K, Page 3 of 3			Fort Yuma Indian Reservation and Yuma Proving Ground, CA								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet L, Page 1 of 3			Hillander "C" Irrigation District, AZ								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	721	554	806	793	663	606	636	531	465	510	344	470	7098
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	160	153	301	333	119	0	0	0	0	0	0	46	1111
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	7	4	10	13	15	17	18	15	13	11	5	6	136
Citrus-mature	257	172	358	447	529	589	618	516	451	371	196	203	4707
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	296	224	136	0	0	0	0	0	0	128	143	216	1144
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet L, Page 2 of 3			Hillander "C" Irrigation District, AZ							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	2906.36	2906.36	2906.36	2906.36	2906.36	2906.36	2906.36	2906.36	2906.36	2906.36	2906.36	2906.36
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	607.41	607.41	607.41	607.41	607.41	607.41	607.41	607.41	607.41	607.41	607.41	607.41
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	61.85	61.85	61.85	61.85	61.85	61.85	61.85	61.85	61.85	61.85	61.85	61.85
Citrus-mature	1268.46	1268.46	1268.46	1268.46	1268.46	1268.46	1268.46	1268.46	1268.46	1268.46	1268.46	1268.46
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	968.64	968.64	968.64	968.64	968.64	968.64	968.64	968.64	968.64	968.64	968.64	968.64
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 LCRAS		Sheet L, Page 3 of 3			Hillander "C" Irrigation District, AZ								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet M, Page 1 of 3			Imperial National Wildlife Refuge, AZ								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	5	4	18	38	48	41	16	14	11	7	3	4	210
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	126	112	294	553	850	1014	1064	889	759	434	130	71	6297
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	1	1	0	0	0	0	0	4
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	1	1	2	5	7	7	5	1	0	0	30
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	1	12	29	38	28	0	0	0	0	0	0	108
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	2	1	0	0	0	0	0	0	0	0	0	1	4
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	1	1	3	5	7	8	8	7	6	4	2	2	53
Small Vegetables	2	1	3	3	0	0	0	0	0	1	1	1	11
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	20	18	95	178	220	252	265	221	188	70	16	15	1557
Barren	19	17	22	16	19	22	23	19	17	14	11	13	213
Sc-low	20	17	34	71	128	160	168	141	120	72	20	9	961
Sc-high	11	9	22	47	81	98	102	85	73	44	12	5	589
Sc/ms	11	10	24	53	92	111	116	97	83	49	13	5	665
Sc/aw	6	5	12	26	44	53	56	47	40	24	6	3	321
Sc/ms/aw	5	4	11	23	39	47	49	41	35	24	7	2	286
Ms-low	11	10	22	40	63	75	79	66	56	40	12	5	479
Ms-high	2	2	4	9	14	16	17	14	12	8	3	1	100
Ms/aw	6	5	13	26	41	47	50	41	36	24	8	3	299
Aw	11	10	22	43	73	91	95	80	68	44	13	5	556
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	6	6	13	23	36	42	44	37	32	22	8	4	271

2003 LCRAS		Sheet M, Page 2 of 3			Imperial National Wildlife Refuge, AZ							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	78.53	78.53	78.53	78.53	78.53	78.53	78.53	78.53	78.53	78.53	78.53	78.53
Alfalfa-perennial	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	8.80	8.80	8.80	8.80	8.80	8.80	8.80	8.80	8.80	8.80	8.80	8.80
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	6.97	6.97	6.97	6.97	6.97	6.97	6.97	6.97	6.97	6.97	6.97	6.97
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	11.22	11.22	11.22	11.22	11.22	11.22	11.22	11.22	11.22	11.22	11.22	11.22
Small Vegetables	5.82	5.82	5.82	5.82	5.82	5.82	5.82	5.82	5.82	5.82	5.82	5.82
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	1359.96	1359.96	1359.96	1359.96	1359.96	1359.96	1359.96	1359.96	1359.96	1359.96	1359.96	1359.96
Marsh	260.36	260.36	260.36	260.36	260.36	260.36	260.36	260.36	260.36	260.36	260.36	260.36
Barren	198.76	198.76	198.76	198.76	198.76	198.76	198.76	198.76	198.76	198.76	198.76	198.76
Sc-low	202.08	202.08	202.08	202.08	202.08	202.08	202.08	202.08	202.08	202.08	202.08	202.08
Sc-high	109.12	109.12	109.12	109.12	109.12	109.12	109.12	109.12	109.12	109.12	109.12	109.12
Sc/ms	116.44	116.44	116.44	116.44	116.44	116.44	116.44	116.44	116.44	116.44	116.44	116.44
Sc/aw	57.99	57.99	57.99	57.99	57.99	57.99	57.99	57.99	57.99	57.99	57.99	57.99
Sc/ms/aw	49.40	49.40	49.40	49.40	49.40	49.40	49.40	49.40	49.40	49.40	49.40	49.40
Ms-low	114.04	114.04	114.04	114.04	114.04	114.04	114.04	114.04	114.04	114.04	114.04	114.04
Ms-high	19.04	19.04	19.04	19.04	19.04	19.04	19.04	19.04	19.04	19.04	19.04	19.04
Ms/aw	59.76	59.76	59.76	59.76	59.76	59.76	59.76	59.76	59.76	59.76	59.76	59.76
Aw	112.78	112.78	112.78	112.78	112.78	112.78	112.78	112.78	112.78	112.78	112.78	112.78
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19

2003 LCRAS		Sheet M, Page 3 of 3			Imperial National Wildlife Refuge, AZ								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet N, Page 1 of 3			Imperial National Wildlife Refuge, CA								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	2	2	3	3	5	6	6	5	4	3	1	1	41
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	2	2	2	1	2	2	2	2	1	1	1	1	19
Sc-low	0	0	1	2	3	4	4	3	3	2	0	0	22
Sc-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet N, Page 2 of 3			Imperial National Wildlife Refuge, CA							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	22.53	22.53	22.53	22.53	22.53	22.53	22.53	22.53	22.53	22.53	22.53	22.53
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86
Sc-low	4.67	4.67	4.67	4.67	4.67	4.67	4.67	4.67	4.67	4.67	4.67	4.67
Sc-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 LCRAS		Sheet N, Page 3 of 3			Imperial National Wildlife Refuge, CA								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet O, Page 1 of 3			Imperial National Wildlife Refuge and Yuma Proving Ground, CA								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	1	1	2	4	7	9	9	8	6	4	1	1	53
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-low	0	0	1	1	2	3	3	2	2	1	0	0	17
Sc-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	1	2	3	3	3	3	2	2	1	0	20
Aw	0	0	1	1	2	3	3	2	2	1	0	0	17
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet O, Page 2 of 3			Imperial National Wildlife Refuge and Yuma Proving Ground, CA								
Imperial Dam to Mexico													
	January	February	March	April	May	June	July	August	September	October	November	December	
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Riparian Vegetation Acres	10.85	10.85	10.85	10.85	10.85	10.85	10.85	10.85	10.85	10.85	10.85	10.85	
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Barren	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc-low	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	
Sc-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ms/aw	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	
Aw	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Low Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

2003 LCRAS		Sheet O, Page 3 of 3			Imperial National Wildlife Refuge and Yuma Proving Ground, CA								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet P, Page 1 of 3			Mittry Lake State Wildlife Area, AZ								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	10	7	10	13	12	19	24	22	15	8	3	7	150
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	213	189	451	878	1432	1722	1806	1509	1289	780	231	112	10612
Monthly ET Values, Crop Groups													
Alfalfa-perennial	1	1	2	3	4	5	5	4	3	3	1	2	36
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	1	3	5	10	15	15	11	3	0	0	63
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	5	2	0	0	0	0	0	0	0	0	0	3	10
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	1	3	4	4	3	0	0	0	0	14
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	1
Small Vegetables	4	3	6	6	0	0	0	0	0	2	2	3	26
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation groups													
Marsh	12	11	59	110	137	157	164	137	117	43	10	9	966
Barren	24	21	27	20	24	27	29	24	21	17	13	16	265
Sc-low	21	19	37	78	140	175	183	153	131	79	22	10	1047
Sc-high	48	43	101	213	367	444	466	389	332	198	54	23	2678
Sc/ms	21	19	46	99	173	209	219	183	157	93	25	10	1254
Sc/aw	18	16	38	80	139	168	176	147	126	75	20	8	1013
Sc/ms/aw	5	4	11	22	37	44	46	39	33	22	6	2	271
Ms-low	18	16	37	66	105	126	132	110	95	67	21	9	804
Ms-high	3	3	7	15	24	28	29	24	21	14	5	2	176
Ms/aw	14	13	32	63	100	116	121	101	87	59	19	8	732
Aw	23	20	45	90	154	190	199	167	143	92	27	11	1161
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	6	5	11	21	33	38	40	33	29	20	7	3	246

2003 LCRAS		Sheet P, Page 2 of 3			Mittry Lake State Wildlife Area, AZ							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	60.95	60.95	60.95	60.95	60.95	60.95	60.95	60.95	60.95	60.95	60.95	60.95
Alfalfa-perennial	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	18.54	18.54	18.54	18.54	18.54	18.54	18.54	18.54	18.54	18.54	18.54	18.54
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	18.24	18.24	18.24	18.24	18.24	18.24	18.24	18.24	18.24	18.24	18.24	18.24
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	3.87	3.87	3.87	3.87	3.87	3.87	3.87	3.87	3.87	3.87	3.87	3.87
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Small Vegetables	13.48	13.48	13.48	13.48	13.48	13.48	13.48	13.48	13.48	13.48	13.48	13.48
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	2235.66	2235.66	2235.66	2235.66	2235.66	2235.66	2235.66	2235.66	2235.66	2235.66	2235.66	2235.66
Marsh	161.50	161.50	161.50	161.50	161.50	161.50	161.50	161.50	161.50	161.50	161.50	161.50
Barren	247.29	247.29	247.29	247.29	247.29	247.29	247.29	247.29	247.29	247.29	247.29	247.29
Sc-low	220.21	220.21	220.21	220.21	220.21	220.21	220.21	220.21	220.21	220.21	220.21	220.21
Sc-high	496.33	496.33	496.33	496.33	496.33	496.33	496.33	496.33	496.33	496.33	496.33	496.33
Sc/ms	219.66	219.66	219.66	219.66	219.66	219.66	219.66	219.66	219.66	219.66	219.66	219.66
Sc/aw	182.82	182.82	182.82	182.82	182.82	182.82	182.82	182.82	182.82	182.82	182.82	182.82
Sc/ms/aw	46.79	46.79	46.79	46.79	46.79	46.79	46.79	46.79	46.79	46.79	46.79	46.79
Ms-low	191.12	191.12	191.12	191.12	191.12	191.12	191.12	191.12	191.12	191.12	191.12	191.12
Ms-high	33.51	33.51	33.51	33.51	33.51	33.51	33.51	33.51	33.51	33.51	33.51	33.51
Ms/aw	145.99	145.99	145.99	145.99	145.99	145.99	145.99	145.99	145.99	145.99	145.99	145.99
Aw	235.75	235.75	235.75	235.75	235.75	235.75	235.75	235.75	235.75	235.75	235.75	235.75
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	54.69	54.69	54.69	54.69	54.69	54.69	54.69	54.69	54.69	54.69	54.69	54.69

2003 LCRAS		Sheet P, Page 3 of 3			Mittry Lake State Wildlife Area, AZ								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet Q, Page 1 of 3			Imperial Irrigation District, CA								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet Q, Page 2 of 3			Imperial Irrigation District, CA							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 LCRAS		Sheet Q, Page 3 of 3			Imperial Irrigation District, (								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet R, Page 1 of 3			Coachella Valley Water District, CA								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet R, Page 2 of 3			Coachella Valley Water District, CA								
Imperial Dam to Mexico													
	January	February	March	April	May	June	July	August	September	October	November	December	
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Riparian Vegetation Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Barren	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Low Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

2003 LCRAS		Sheet R, Page 3 of 3			Coachella Valley Water District, CA								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet S, Page 1 of 3			North Cocopah Indian Reservation, AZ								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	123	89	124	137	51	3	3	3	20	43	26	51	674
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	17	15	31	60	102	125	131	109	93	58	18	9	767
Monthly ET Values, Crop Groups													
Alfalfa-perennial	1	1	2	2	3	3	3	3	2	2	1	1	25
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	65	62	122	135	48	0	0	0	0	0	0	18	450
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	18	41	25	0	84
Lettuce-fall	57	26	0	0	0	0	0	0	0	0	0	32	114
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	2	2	3	2	2	3	3	2	2	2	1	1	24
Sc-low	7	6	13	26	47	59	62	52	44	27	8	3	356
Sc-high	2	1	4	7	13	15	16	14	12	7	2	1	93
Sc/ms	2	2	5	10	17	21	22	18	16	9	3	1	126
Sc/aw	0	0	1	2	3	4	4	4	3	2	1	0	25
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	3	3	7	12	19	22	23	19	17	12	4	2	143

2003 LCRAS		Sheet S, Page 2 of 3			North Cocopah Indian Reservation, AZ							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	572.85	572.85	572.85	572.85	572.85	572.85	572.85	572.85	572.85	572.85	572.85	572.85
Alfalfa-perennial	4.52	4.52	4.52	4.52	4.52	4.52	4.52	4.52	4.52	4.52	4.52	4.52
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	246.39	246.39	246.39	246.39	246.39	246.39	246.39	246.39	246.39	246.39	246.39	246.39
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	117.10	117.10	117.10	117.10	117.10	117.10	117.10	117.10	117.10	117.10	117.10	117.10
Lettuce-fall	204.84	204.84	204.84	204.84	204.84	204.84	204.84	204.84	204.84	204.84	204.84	204.84
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	173.23	173.23	173.23	173.23	173.23	173.23	173.23	173.23	173.23	173.23	173.23	173.23
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86
Sc-low	74.80	74.80	74.80	74.80	74.80	74.80	74.80	74.80	74.80	74.80	74.80	74.80
Sc-high	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30
Sc/ms	22.08	22.08	22.08	22.08	22.08	22.08	22.08	22.08	22.08	22.08	22.08	22.08
Sc/aw	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	31.71	31.71	31.71	31.71	31.71	31.71	31.71	31.71	31.71	31.71	31.71	31.71

2003 LCRAS		Sheet S, Page 3 of 3			North Cocopah Indian Reservation, AZ								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet T, Page 1 of 3			North Gila Valley Irrigation District, AZ								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	1441	929	1307	1963	2139	2474	3024	2719	1676	1075	515	782	20,045
Open-Water Evap (Acre-Feet)	2	1	4	5	6	7	7	6	5	4	2	1	50
Total Riparian Veg. ET (Acre-Feet)	46	41	95	177	281	336	353	295	252	155	49	26	2105
Monthly ET Values, Crop Groups													
Alfalfa-perennial	24	24	40	50	64	78	83	70	56	54	20	26	589
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	143	299	562	1098	1640	1598	1198	286	0	0	6823
Small Grain	541	517	1017	1124	402	0	0	0	0	0	0	154	3755
Field Grain	0	2	20	49	65	48	0	0	0	0	0	0	185
Lettuce-spring	0	0	0	0	0	0	0	0	243	548	335	0	1126
Lettuce-fall	781	351	0	0	0	0	0	0	0	0	0	435	1567
Melons-spring	0	19	50	73	84	0	0	0	0	0	0	0	225
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	6	14	16	17	14	12	1	0	0	79
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	1	1	2	2	3	3	3	3	2	2	1	1	25
Citrus-mature	8	5	10	13	15	17	18	15	13	11	6	6	138
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	315	911	1191	1249	1009	0	0	0	0	4676
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	73	0	0	0	0	0	0	0	141	157	143	148	662
Dates	1	1	2	3	4	4	4	4	3	2	1	1	32
Safflower	0	1	4	7	9	10	2	0	0	0	0	0	32
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	10	8	15	17	0	0	0	0	0	5	5	7	67
Root Vegetables	0	0	0	0	0	0	0	0	3	4	3	3	13
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	3	3	15	28	34	39	41	34	29	11	3	2	242
Barren	7	6	8	6	7	8	8	7	6	5	4	5	77
Sc-low	6	5	10	22	39	49	51	43	37	22	6	3	293
Sc-high	3	3	6	13	22	26	27	23	20	12	3	1	158
Sc/ms	6	5	13	29	50	61	64	53	46	27	7	3	366
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	1	1	2	4	7	8	8	7	6	4	1	0	48
Ms-low	2	2	4	8	12	15	15	13	11	8	2	1	93
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	2	2	5	11	17	20	21	18	15	10	3	1	127
Aw	3	3	7	14	23	29	30	25	22	14	4	2	176
Cw	0	0	0	1	1	1	2	1	1	1	0	0	9
Low Veg	12	10	24	44	68	80	84	70	60	42	15	7	515

2003 LCRAS		Sheet T, Page 2 of 3			North Gila Valley Irrigation District, AZ							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	10817.39	10817.39	10817.39	10817.39	10817.39	10817.39	10817.39	10817.39	10817.39	10817.39	10817.39	10817.39
Alfalfa-perennial	108.51	108.51	108.51	108.51	108.51	108.51	108.51	108.51	108.51	108.51	108.51	108.51
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	1993.69	1993.69	1993.69	1993.69	1993.69	1993.69	1993.69	1993.69	1993.69	1993.69	1993.69	1993.69
Small Grain	2053.66	2053.66	2053.66	2053.66	2053.66	2053.66	2053.66	2053.66	2053.66	2053.66	2053.66	2053.66
Field Grain	76.93	76.93	76.93	76.93	76.93	76.93	76.93	76.93	76.93	76.93	76.93	76.93
Lettuce-spring	1565.66	1565.66	1565.66	1565.66	1565.66	1565.66	1565.66	1565.66	1565.66	1565.66	1565.66	1565.66
Lettuce-fall	2807.31	2807.31	2807.31	2807.31	2807.31	2807.31	2807.31	2807.31	2807.31	2807.31	2807.31	2807.31
Melons-spring	125.30	125.30	125.30	125.30	125.30	125.30	125.30	125.30	125.30	125.30	125.30	125.30
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	23.54	23.54	23.54	23.54	23.54	23.54	23.54	23.54	23.54	23.54	23.54	23.54
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	11.47	11.47	11.47	11.47	11.47	11.47	11.47	11.47	11.47	11.47	11.47	11.47
Citrus-mature	37.08	37.08	37.08	37.08	37.08	37.08	37.08	37.08	37.08	37.08	37.08	37.08
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	1292.56	1292.56	1292.56	1292.56	1292.56	1292.56	1292.56	1292.56	1292.56	1292.56	1292.56	1292.56
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	657.86	657.86	657.86	657.86	657.86	657.86	657.86	657.86	657.86	657.86	657.86	657.86
Dates	5.38	5.38	5.38	5.38	5.38	5.38	5.38	5.38	5.38	5.38	5.38	5.38
Safflower	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	35.38	35.38	35.38	35.38	35.38	35.38	35.38	35.38	35.38	35.38	35.38	35.38
Root Vegetables	12.36	12.36	12.36	12.36	12.36	12.36	12.36	12.36	12.36	12.36	12.36	12.36
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	475.10	475.10	475.10	475.10	475.10	475.10	475.10	475.10	475.10	475.10	475.10	475.10
Marsh	40.43	40.43	40.43	40.43	40.43	40.43	40.43	40.43	40.43	40.43	40.43	40.43
Barren	71.81	71.81	71.81	71.81	71.81	71.81	71.81	71.81	71.81	71.81	71.81	71.81
Sc-low	61.65	61.65	61.65	61.65	61.65	61.65	61.65	61.65	61.65	61.65	61.65	61.65
Sc-high	29.30	29.30	29.30	29.30	29.30	29.30	29.30	29.30	29.30	29.30	29.30	29.30
Sc/ms	64.06	64.06	64.06	64.06	64.06	64.06	64.06	64.06	64.06	64.06	64.06	64.06
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	8.34	8.34	8.34	8.34	8.34	8.34	8.34	8.34	8.34	8.34	8.34	8.34
Ms-low	22.19	22.19	22.19	22.19	22.19	22.19	22.19	22.19	22.19	22.19	22.19	22.19
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	25.25	25.25	25.25	25.25	25.25	25.25	25.25	25.25	25.25	25.25	25.25	25.25
Aw	35.78	35.78	35.78	35.78	35.78	35.78	35.78	35.78	35.78	35.78	35.78	35.78
Cw	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
Low Veg	114.49	114.49	114.49	114.49	114.49	114.49	114.49	114.49	114.49	114.49	114.49	114.49

2003 LCRAS		Sheet T, Page 3 of 3			North Gila Valley Irrigation District, AZ								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet U, Page 1 of 3			Picacho State Recreation Area, CA								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	24	21	45	88	148	180	188	157	135	82	25	12	1105
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	1	3	3	4	4	3	3	1	0	0	22
Barren	3	3	4	3	3	4	4	3	3	3	2	2	38
Sc-low	6	5	10	21	38	48	50	42	36	22	6	3	287
Sc-high	4	4	9	20	34	41	43	36	31	18	5	2	246
Sc/ms	4	4	9	20	36	43	45	38	32	19	5	2	259
Sc/aw	1	1	2	5	9	11	12	10	8	5	1	1	67
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	1	2	3	3	3	3	2	2	1	0	20
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	1	2	3	3	3	3	2	2	0	0	20
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	3	3	7	12	19	23	24	20	17	12	4	2	147

2003 LCRAS		Sheet U, Page 2 of 3			Picacho State Recreation Area, CA							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	244.18	244.18	244.18	244.18	244.18	244.18	244.18	244.18	244.18	244.18	244.18	244.18
Marsh	3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.67
Barren	35.79	35.79	35.79	35.79	35.79	35.79	35.79	35.79	35.79	35.79	35.79	35.79
Sc-low	60.31	60.31	60.31	60.31	60.31	60.31	60.31	60.31	60.31	60.31	60.31	60.31
Sc-high	45.58	45.58	45.58	45.58	45.58	45.58	45.58	45.58	45.58	45.58	45.58	45.58
Sc/ms	45.33	45.33	45.33	45.33	45.33	45.33	45.33	45.33	45.33	45.33	45.33	45.33
Sc/aw	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	4.76	4.76	4.76	4.76	4.76	4.76	4.76	4.76	4.76	4.76	4.76	4.76
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	32.68	32.68	32.68	32.68	32.68	32.68	32.68	32.68	32.68	32.68	32.68	32.68

2003 LCRAS		Sheet U, Page 3 of 3			Picacho State Recreation Area, CA								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet V, Page 1 of 3			Sturges Gila Monster Ranch, AZ								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	398	258	397	541	527	648	874	817	663	400	180	220	5,923
Open-Water Evap (Acre-Feet)	1	1	1	2	2	3	3	2	2	2	1	1	20
Total Riparian Veg. ET (Acre-Feet)	14	12	45	86	117	137	144	120	102	50	14	9	849
Monthly ET Values, Crop Groups													
Alfalfa-perennial	1	1	2	2	2	3	3	3	2	2	1	1	22
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	57	119	223	436	651	635	476	114	0	0	2711
Small Grain	148	141	277	307	110	0	0	0	0	0	0	42	1025
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	83	188	115	0	387
Lettuce-fall	198	89	0	0	0	0	0	0	0	0	0	110	398
Melons-spring	0	5	13	19	22	0	0	0	0	0	0	0	58
Melons-fall	0	0	0	0	0	0	0	0	7	10	6	5	27
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	10	5	14	17	20	23	24	20	17	14	7	8	179
Citrus-mature	24	16	33	42	49	55	58	48	42	35	18	19	440
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	34	98	128	135	109	0	0	0	0	504
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	17	0	0	0	0	0	0	0	33	36	33	34	153
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	6	6	31	57	71	81	85	71	61	23	5	5	501
Barren	0	0	0	0	0	0	0	0	0	0	0	0	3
Sc-low	1	1	2	3	6	8	8	7	6	4	1	0	47
Sc-high	2	2	4	9	15	19	19	16	14	8	2	1	112
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	1	1	1	1	0	0	0	0	4
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	4	4	8	15	24	28	30	25	21	15	5	2	182

2003 LCRAS		Sheet V, Page 2 of 3			Sturges Gila Monster Ranch, AZ							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	3153.04	3153.04	3153.04	3153.04	3153.04	3153.04	3153.04	3153.04	3153.04	3153.04	3153.04	3153.04
Alfalfa-perennial	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	792.06	792.06	792.06	792.06	792.06	792.06	792.06	792.06	792.06	792.06	792.06	792.06
Small Grain	560.48	560.48	560.48	560.48	560.48	560.48	560.48	560.48	560.48	560.48	560.48	560.48
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	537.48	537.48	537.48	537.48	537.48	537.48	537.48	537.48	537.48	537.48	537.48	537.48
Lettuce-fall	712.19	712.19	712.19	712.19	712.19	712.19	712.19	712.19	712.19	712.19	712.19	712.19
Melons-spring	32.42	32.42	32.42	32.42	32.42	32.42	32.42	32.42	32.42	32.42	32.42	32.42
Melons-fall	23.37	23.37	23.37	23.37	23.37	23.37	23.37	23.37	23.37	23.37	23.37	23.37
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	81.20	81.20	81.20	81.20	81.20	81.20	81.20	81.20	81.20	81.20	81.20	81.20
Citrus-mature	118.54	118.54	118.54	118.54	118.54	118.54	118.54	118.54	118.54	118.54	118.54	118.54
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	139.26	139.26	139.26	139.26	139.26	139.26	139.26	139.26	139.26	139.26	139.26	139.26
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	151.99	151.99	151.99	151.99	151.99	151.99	151.99	151.99	151.99	151.99	151.99	151.99
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	158.66	158.66	158.66	158.66	158.66	158.66	158.66	158.66	158.66	158.66	158.66	158.66
Marsh	83.84	83.84	83.84	83.84	83.84	83.84	83.84	83.84	83.84	83.84	83.84	83.84
Barren	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08
Sc-low	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90
Sc-high	20.69	20.69	20.69	20.69	20.69	20.69	20.69	20.69	20.69	20.69	20.69	20.69
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/aw	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	40.46	40.46	40.46	40.46	40.46	40.46	40.46	40.46	40.46	40.46	40.46	40.46

2003 LCRAS		Sheet V, Page 3 of 3			Sturges Gila Monster Ranch, AZ								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet W, Page 1 of 3			Wellton-Mohawk Irrigation and Drainage District								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet W, Page 2 of 3			Wellton-Mohawk Irrigation and Drainage District								
Imperial Dam to Mexico													
	January	February	March	April	May	June	July	August	September	October	November	December	
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Riparian Vegetation Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Barren	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Low Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

2003 LCRAS		Sheet W, Page 3 of 3			Wellton-Mohawk Irrigation and Drainage District								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet X, Page 1 of 3			State of Arizona								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	569	431	799	1056	1032	1047	1034	850	603	602	326	393	8,743
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	305	271	602	1121	1817	2179	2286	1910	1632	999	313	168	13605
Monthly ET Values, Crop Groups													
Alfalfa-perennial	68	68	115	144	183	224	237	201	160	155	57	74	1686
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	3	7	13	25	37	36	27	6	0	0	154
Small Grain	170	162	320	353	126	0	0	0	0	0	0	48	1180
Field Grain	0	1	6	13	18	13	0	0	0	0	0	0	50
Lettuce-spring	0	0	0	0	0	0	0	0	46	104	64	0	215
Lettuce-fall	92	41	0	0	0	0	0	0	0	0	0	51	184
Melons-spring	0	5	13	19	22	0	0	0	0	0	0	0	59
Melons-fall	0	0	0	0	0	0	0	0	3	4	2	2	11
Bermuda	0	0	0	4	9	10	11	9	7	0	0	0	50
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	27	15	37	47	55	62	65	54	47	39	19	21	488
Citrus-mature	113	76	157	196	232	258	271	226	198	163	86	89	2063
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	77	222	290	304	246	0	0	0	0	1138
Legume/Solanum Veg	4	3	2	0	0	0	0	0	0	2	2	3	15
Crucifers	22	0	0	0	0	0	0	0	44	49	44	46	204
Dates	27	21	49	65	80	91	95	79	67	51	26	24	677
Safflower	0	5	28	56	73	75	14	0	0	0	0	0	250
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	46	35	70	76	0	0	0	0	0	23	23	31	304
Root Vegetables	0	0	0	0	0	0	0	0	3	5	4	3	16
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	14	12	66	123	153	175	183	153	130	49	11	10	1079
Barren	67	60	77	57	67	77	81	68	58	49	38	45	744
Sc-low	42	38	73	154	278	347	364	304	260	156	44	20	2079
Sc-high	46	40	96	203	349	422	442	369	316	188	51	22	2544
Sc/ms	39	34	83	180	314	379	398	333	284	169	46	18	2278
Sc/aw	21	19	44	95	164	199	208	174	149	89	24	10	1196
Sc/ms/aw	5	5	13	26	44	53	55	46	40	27	8	3	324
Ms-low	10	9	20	37	58	69	73	61	52	37	12	5	443
Ms-high	8	7	19	38	61	71	74	62	53	36	12	5	446
Ms/aw	11	10	24	49	77	89	94	78	67	46	15	6	565
Aw	5	5	11	21	37	45	47	40	34	22	6	3	276
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	37	33	76	138	216	253	266	222	190	132	47	22	1632

2003 LCRAS		Sheet X, Page 2 of 3			State of Arizona							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	3387.65	3387.65	3387.65	3387.65	3387.65	3387.65	3387.65	3387.65	3387.65	3387.65	3387.65	3387.65
* - Includes 4.93 acres of Greenhouse/nursery in Citrus-mature acreage.												
Alfalfa-perennial	310.72	310.72	310.72	310.72	310.72	310.72	310.72	310.72	310.72	310.72	310.72	310.72
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	44.89	44.89	44.89	44.89	44.89	44.89	44.89	44.89	44.89	44.89	44.89	44.89
Small Grain	645.49	645.49	645.49	645.49	645.49	645.49	645.49	645.49	645.49	645.49	645.49	645.49
Field Grain	20.79	20.79	20.79	20.79	20.79	20.79	20.79	20.79	20.79	20.79	20.79	20.79
Lettuce-spring	298.28	298.28	298.28	298.28	298.28	298.28	298.28	298.28	298.28	298.28	298.28	298.28
Lettuce-fall	330.29	330.29	330.29	330.29	330.29	330.29	330.29	330.29	330.29	330.29	330.29	330.29
Melons-spring	32.87	32.87	32.87	32.87	32.87	32.87	32.87	32.87	32.87	32.87	32.87	32.87
Melons-fall	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58
Bermuda	14.81	14.81	14.81	14.81	14.81	14.81	14.81	14.81	14.81	14.81	14.81	14.81
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	221.38	221.38	221.38	221.38	221.38	221.38	221.38	221.38	221.38	221.38	221.38	221.38
Citrus-mature*	556.00	556.00	556.00	556.00	556.00	556.00	556.00	556.00	556.00	556.00	556.00	556.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	314.49	314.49	314.49	314.49	314.49	314.49	314.49	314.49	314.49	314.49	314.49	314.49
Legume/Solanum Veg	12.47	12.47	12.47	12.47	12.47	12.47	12.47	12.47	12.47	12.47	12.47	12.47
Crucifers	202.79	202.79	202.79	202.79	202.79	202.79	202.79	202.79	202.79	202.79	202.79	202.79
Dates	114.59	114.59	114.59	114.59	114.59	114.59	114.59	114.59	114.59	114.59	114.59	114.59
Safflower	83.14	83.14	83.14	83.14	83.14	83.14	83.14	83.14	83.14	83.14	83.14	83.14
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	160.18	160.18	160.18	160.18	160.18	160.18	160.18	160.18	160.18	160.18	160.18	160.18
Root Vegetables	14.89	14.89	14.89	14.89	14.89	14.89	14.89	14.89	14.89	14.89	14.89	14.89
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	3176.44	3176.44	3176.44	3176.44	3176.44	3176.44	3176.44	3176.44	3176.44	3176.44	3176.44	3176.44
Marsh	180.35	180.35	180.35	180.35	180.35	180.35	180.35	180.35	180.35	180.35	180.35	180.35
Barren	694.86	694.86	694.86	694.86	694.86	694.86	694.86	694.86	694.86	694.86	694.86	694.86
Sc-low	437.06	437.06	437.06	437.06	437.06	437.06	437.06	437.06	437.06	437.06	437.06	437.06
Sc-high	471.58	471.58	471.58	471.58	471.58	471.58	471.58	471.58	471.58	471.58	471.58	471.58
Sc/ms	399.10	399.10	399.10	399.10	399.10	399.10	399.10	399.10	399.10	399.10	399.10	399.10
Sc/aw	215.85	215.85	215.85	215.85	215.85	215.85	215.85	215.85	215.85	215.85	215.85	215.85
Sc/ms/aw	55.94	55.94	55.94	55.94	55.94	55.94	55.94	55.94	55.94	55.94	55.94	55.94
Ms-low	105.39	105.39	105.39	105.39	105.39	105.39	105.39	105.39	105.39	105.39	105.39	105.39
Ms-high	85.11	85.11	85.11	85.11	85.11	85.11	85.11	85.11	85.11	85.11	85.11	85.11
Ms/aw	112.70	112.70	112.70	112.70	112.70	112.70	112.70	112.70	112.70	112.70	112.70	112.70
Aw	56.02	56.02	56.02	56.02	56.02	56.02	56.02	56.02	56.02	56.02	56.02	56.02
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	362.48	362.48	362.48	362.48	362.48	362.48	362.48	362.48	362.48	362.48	362.48	362.48

2003 LCRAS		Sheet X, Page 3 of 3			State of Arizona								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet Y, Page 1 of 3			State of Arizona-Limitrophe Section								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	155	120	218	342	382	307	243	189	126	126	80	114	2,401
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	110	98	199	372	624	758	795	664	568	359	114	59	4717
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	1	1	1	2	2	1	1	1	0	1	12
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	5	11	21	40	60	58	44	10	0	0	250
Small Grain	62	59	116	128	46	0	0	0	0	0	0	18	428
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	17	38	23	0	77
Lettuce-fall	74	33	0	0	0	0	0	0	0	0	0	41	148
Melons-spring	0	20	52	76	87	0	0	0	0	0	0	0	234
Melons-fall	0	0	0	0	0	0	0	0	25	35	20	17	97
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	39	112	146	153	124	0	0	0	0	573
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	18	0	0	0	0	0	0	0	35	39	36	37	165
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	7	43	85	111	114	22	0	0	0	0	0	381
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	1	1	2	3	5	6	6	5	4	2	1	1	36
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	1	1	3	5	7	8	8	7	6	2	0	0	47
Barren	22	19	25	18	22	25	26	22	19	16	12	14	238
Sc-low	38	33	65	137	247	308	323	270	231	139	39	17	1847
Sc-high	7	6	14	29	50	61	64	53	45	27	7	3	365
Sc/ms	7	6	16	34	59	71	75	63	54	32	9	3	429
Sc/aw	4	4	9	19	33	40	42	35	30	18	5	2	240
Sc/ms/aw	0	0	1	2	3	3	3	3	2	2	0	0	20
Ms-low	5	5	11	19	30	36	38	32	27	19	6	3	231
Ms-high	3	3	8	15	24	28	30	25	21	15	5	2	178
Ms/aw	5	5	11	23	36	42	44	36	31	21	7	3	263
Aw	6	5	12	23	40	49	52	43	37	24	7	3	301
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	13	11	26	47	74	87	91	76	65	45	16	8	558

2003 LCRAS		Sheet Y, Page 2 of 3			State of Arizona-Limitrophe Section							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	1353.48	1353.48	1353.48	1353.48	1353.48	1353.48	1353.48	1353.48	1353.48	1353.48	1353.48	1353.48
Alfalfa-perennial	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	72.92	72.92	72.92	72.92	72.92	72.92	72.92	72.92	72.92	72.92	72.92	72.92
Small Grain	234.08	234.08	234.08	234.08	234.08	234.08	234.08	234.08	234.08	234.08	234.08	234.08
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	107.75	107.75	107.75	107.75	107.75	107.75	107.75	107.75	107.75	107.75	107.75	107.75
Lettuce-fall	265.41	265.41	265.41	265.41	265.41	265.41	265.41	265.41	265.41	265.41	265.41	265.41
Melons-spring	130.57	130.57	130.57	130.57	130.57	130.57	130.57	130.57	130.57	130.57	130.57	130.57
Melons-fall	83.65	83.65	83.65	83.65	83.65	83.65	83.65	83.65	83.65	83.65	83.65	83.65
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	158.26	158.26	158.26	158.26	158.26	158.26	158.26	158.26	158.26	158.26	158.26	158.26
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	164.33	164.33	164.33	164.33	164.33	164.33	164.33	164.33	164.33	164.33	164.33	164.33
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	126.57	126.57	126.57	126.57	126.57	126.57	126.57	126.57	126.57	126.57	126.57	126.57
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	1134.67	1134.67	1134.67	1134.67	1134.67	1134.67	1134.67	1134.67	1134.67	1134.67	1134.67	1134.67
Marsh	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88
Barren	222.52	222.52	222.52	222.52	222.52	222.52	222.52	222.52	222.52	222.52	222.52	222.52
Sc-low	388.33	388.33	388.33	388.33	388.33	388.33	388.33	388.33	388.33	388.33	388.33	388.33
Sc-high	67.71	67.71	67.71	67.71	67.71	67.71	67.71	67.71	67.71	67.71	67.71	67.71
Sc/ms	75.09	75.09	75.09	75.09	75.09	75.09	75.09	75.09	75.09	75.09	75.09	75.09
Sc/aw	43.31	43.31	43.31	43.31	43.31	43.31	43.31	43.31	43.31	43.31	43.31	43.31
Sc/ms/aw	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40
Ms-low	54.88	54.88	54.88	54.88	54.88	54.88	54.88	54.88	54.88	54.88	54.88	54.88
Ms-high	33.98	33.98	33.98	33.98	33.98	33.98	33.98	33.98	33.98	33.98	33.98	33.98
Ms/aw	52.54	52.54	52.54	52.54	52.54	52.54	52.54	52.54	52.54	52.54	52.54	52.54
Aw	61.03	61.03	61.03	61.03	61.03	61.03	61.03	61.03	61.03	61.03	61.03	61.03
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	124.00	124.00	124.00	124.00	124.00	124.00	124.00	124.00	124.00	124.00	124.00	124.00

2003 LCRAS		Sheet Y, Page 3 of 3			State of Arizona-Limitrophe Section								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet Z, Page 1 of 3			State of Arizona-Down Gradient from Yuma Mesa Irrigation and Drainage District								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	1701	1553	2897	3803	4290	4736	4983	4154	2539	2306	955	1300	35,217
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Crop Groups													
Alfalfa-perennial	713	710	1206	1510	1917	2345	2478	2101	1678	1624	594	778	17653
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	549	524	1031	1140	408	0	0	0	0	0	0	156	3808
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	2	4	5	6	5	4	0	0	0	26
Bermuda w/ rye	10	7	14	10	23	28	29	24	20	9	8	8	191
Citrus-young	9	5	13	16	19	22	23	19	17	14	7	7	171
Citrus-mature	174	117	243	303	358	399	419	349	306	251	132	137	3189
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	328	949	1241	1301	1051	0	0	0	0	4870
Legume/Solanum Veg	36	28	17	0	0	0	0	0	0	16	18	26	141
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	208	161	373	492	609	694	724	602	513	391	196	186	5149
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	1	0	1	2	3	3	3	3	2	1	0	0	20
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet Z, Page 2 of 3			State of Arizona-Down Gradient from Yuma Mesa Irrigation and Drainage District								
Imperial Dam to Mexico													
	January	February	March	April	May	June	July	August	September	October	November	December	
Total Agricultural Acres	8661.64	8661.64	8661.64	8661.64	8661.64	8661.64	8661.64	8661.64	8661.64	8661.64	8661.64	8661.64	
Alfalfa-perennial	3253.06	3253.06	3253.06	3253.06	3253.06	3253.06	3253.06	3253.06	3253.06	3253.06	3253.06	3253.06	
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Small Grain	2082.94	2082.94	2082.94	2082.94	2082.94	2082.94	2082.94	2082.94	2082.94	2082.94	2082.94	2082.94	
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Bermuda	7.61	7.61	7.61	7.61	7.61	7.61	7.61	7.61	7.61	7.61	7.61	7.61	
Bermuda w/ rye	40.32	40.32	40.32	40.32	40.32	40.32	40.32	40.32	40.32	40.32	40.32	40.32	
Citrus-young	77.40	77.40	77.40	77.40	77.40	77.40	77.40	77.40	77.40	77.40	77.40	77.40	
Citrus-mature	859.31	859.31	859.31	859.31	859.31	859.31	859.31	859.31	859.31	859.31	859.31	859.31	
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sudan	1346.18	1346.18	1346.18	1346.18	1346.18	1346.18	1346.18	1346.18	1346.18	1346.18	1346.18	1346.18	
Legume/Solanum Veg	119.01	119.01	119.01	119.01	119.01	119.01	119.01	119.01	119.01	119.01	119.01	119.01	
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Dates	871.43	871.43	871.43	871.43	871.43	871.43	871.43	871.43	871.43	871.43	871.43	871.43	
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Perennial Vegetables	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Riparian Vegetation Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Barren	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Low Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

2003 LCRAS		Sheet Z, Page 3 of 3			State of Arizona-Down Gradient from Yuma Mesa Irrigation and Drainage District								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet AA, Page 1 of 3			State of California								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	367	313	511	663	704	741	770	643	487	537	243	271	6,249
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	77	69	134	224	359	431	452	378	323	209	72	44	2773
Monthly ET Values, Crop Groups													
Alfalfa-perennial	158	157	266	334	423	518	547	464	371	359	131	172	3900
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	114	109	214	237	85	0	0	0	0	0	0	32	792
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	65	148	90	0	304
Lettuce-fall	79	35	0	0	0	0	0	0	0	0	0	44	158
Melons-spring	0	4	10	15	17	0	0	0	0	0	0	0	45
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	8	20	24	25	21	17	1	0	0	117
Bermuda w/ rye	2	2	3	2	6	7	7	6	5	2	2	2	45
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	5	4	7	9	11	12	13	11	9	8	4	4	98
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	42	122	159	167	135	0	0	0	0	626
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	7	0	0	0	0	0	0	0	14	15	14	14	64
Dates	2	2	4	5	6	7	8	6	5	4	2	2	54
Safflower	0	1	5	10	13	14	3	0	0	0	0	0	46
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	1	1	5	10	12	14	15	12	10	4	1	1	87
Barren	30	27	35	26	30	35	37	31	26	22	17	20	336
Sc-low	8	7	14	30	54	68	71	59	51	30	9	4	406
Sc-high	7	6	15	32	55	66	69	58	49	29	8	3	398
Sc/ms	2	2	4	10	17	20	21	18	15	9	2	1	121
Sc/aw	4	3	8	16	28	34	36	30	26	15	4	2	207
Sc/ms/aw	2	2	5	11	19	23	24	20	17	11	3	1	139
Ms-low	8	7	16	29	46	55	58	49	42	29	9	4	353
Ms-high	5	4	11	22	35	41	43	36	31	21	7	3	260
Ms/aw	2	2	5	10	15	18	18	15	13	9	3	1	111
Aw	5	4	9	19	32	39	41	34	30	19	6	2	240
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	3	2	5	10	15	18	19	16	13	9	3	2	115

2003 LCRAS		Sheet AA, Page 2 of 3			State of California							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	2214.27	2214.27	2214.27	2214.27	2214.27	2214.27	2214.27	2214.27	2214.27	2214.27	2214.27	2214.27
Alfalfa-perennial	718.64	718.64	718.64	718.64	718.64	718.64	718.64	718.64	718.64	718.64	718.64	718.64
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	433.13	433.13	433.13	433.13	433.13	433.13	433.13	433.13	433.13	433.13	433.13	433.13
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	422.20	422.20	422.20	422.20	422.20	422.20	422.20	422.20	422.20	422.20	422.20	422.20
Lettuce-fall	283.44	283.44	283.44	283.44	283.44	283.44	283.44	283.44	283.44	283.44	283.44	283.44
Melons-spring	25.24	25.24	25.24	25.24	25.24	25.24	25.24	25.24	25.24	25.24	25.24	25.24
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	35.02	35.02	35.02	35.02	35.02	35.02	35.02	35.02	35.02	35.02	35.02	35.02
Bermuda w/ rye	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	26.45	26.45	26.45	26.45	26.45	26.45	26.45	26.45	26.45	26.45	26.45	26.45
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	173.05	173.05	173.05	173.05	173.05	173.05	173.05	173.05	173.05	173.05	173.05	173.05
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	63.17	63.17	63.17	63.17	63.17	63.17	63.17	63.17	63.17	63.17	63.17	63.17
Dates	9.17	9.17	9.17	9.17	9.17	9.17	9.17	9.17	9.17	9.17	9.17	9.17
Safflower	15.26	15.26	15.26	15.26	15.26	15.26	15.26	15.26	15.26	15.26	15.26	15.26
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	800.13	800.13	800.13	800.13	800.13	800.13	800.13	800.13	800.13	800.13	800.13	800.13
Marsh	14.52	14.52	14.52	14.52	14.52	14.52	14.52	14.52	14.52	14.52	14.52	14.52
Barren	313.83	313.83	313.83	313.83	313.83	313.83	313.83	313.83	313.83	313.83	313.83	313.83
Sc-low	85.39	85.39	85.39	85.39	85.39	85.39	85.39	85.39	85.39	85.39	85.39	85.39
Sc-high	73.74	73.74	73.74	73.74	73.74	73.74	73.74	73.74	73.74	73.74	73.74	73.74
Sc/ms	21.28	21.28	21.28	21.28	21.28	21.28	21.28	21.28	21.28	21.28	21.28	21.28
Sc/aw	37.36	37.36	37.36	37.36	37.36	37.36	37.36	37.36	37.36	37.36	37.36	37.36
Sc/ms/aw	24.06	24.06	24.06	24.06	24.06	24.06	24.06	24.06	24.06	24.06	24.06	24.06
Ms-low	84.01	84.01	84.01	84.01	84.01	84.01	84.01	84.01	84.01	84.01	84.01	84.01
Ms-high	49.55	49.55	49.55	49.55	49.55	49.55	49.55	49.55	49.55	49.55	49.55	49.55
Ms/aw	22.18	22.18	22.18	22.18	22.18	22.18	22.18	22.18	22.18	22.18	22.18	22.18
Aw	48.77	48.77	48.77	48.77	48.77	48.77	48.77	48.77	48.77	48.77	48.77	48.77
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	25.44	25.44	25.44	25.44	25.44	25.44	25.44	25.44	25.44	25.44	25.44	25.44

2003 LCRAS		Sheet AA, Page 3 of 3			State of California								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet AB, Page 1 of 3			Unit "B" Irrigation and Drainage District, AZ								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	305	239	420	561	726	848	891	747	588	514	227	269	6,334
Open-Water Evap (Acre-Feet)	5	3	8	11	14	16	17	14	12	9	4	3	116
Total Riparian Veg. ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Crop Groups													
Alfalfa-perennial	123	123	208	261	331	405	428	363	290	280	103	134	3049
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	11	11	22	24	9	0	0	0	0	0	0	3	80
Field Grain	0	0	1	1	2	1	0	0	0	0	0	0	5
Lettuce-spring	0	0	0	0	0	0	0	0	12	27	16	0	55
Lettuce-fall	34	15	0	0	0	0	0	0	0	0	0	19	68
Melons-spring	0	0	1	2	2	0	0	0	0	0	0	0	5
Melons-fall	0	0	0	0	0	0	0	0	4	5	3	3	14
Bermuda	0	0	0	21	49	59	62	51	42	2	0	0	286
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	14	7	19	24	28	32	33	28	24	20	10	11	250
Citrus-mature	96	64	134	167	198	220	231	193	169	139	73	76	1760
Citrus-declining	3	2	4	4	5	6	6	5	4	4	2	2	47
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	19	54	70	74	60	0	0	0	0	277
Legume/Solanum Veg	2	2	1	0	0	0	0	0	0	1	1	2	8
Crucifers	1	0	0	0	0	0	0	0	2	2	2	2	9
Dates	10	7	17	23	28	32	33	28	24	18	9	9	238
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	1	1	2	4	6	7	7	6	5	4	2	1	44
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	1
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	5	4	2	0	0	0	0	0	0	3	3	4	21
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet AB, Page 2 of 3			Unit "B" Irrigation and Drainage District, AZ							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	1674.29	1674.29	1674.29	1674.29	1674.29	1674.29	1674.29	1674.29	1674.29	1674.29	1674.29	1674.29
* - Includes 11.34 acres of Greenhouse/nursery in Citrus-mature acreage.												
Alfalfa-perennial	561.79	561.79	561.79	561.79	561.79	561.79	561.79	561.79	561.79	561.79	561.79	561.79
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	43.65	43.65	43.65	43.65	43.65	43.65	43.65	43.65	43.65	43.65	43.65	43.65
Field Grain	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21
Lettuce-spring	76.87	76.87	76.87	76.87	76.87	76.87	76.87	76.87	76.87	76.87	76.87	76.87
Lettuce-fall	121.83	121.83	121.83	121.83	121.83	121.83	121.83	121.83	121.83	121.83	121.83	121.83
Melons-spring	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65
Melons-fall	12.28	12.28	12.28	12.28	12.28	12.28	12.28	12.28	12.28	12.28	12.28	12.28
Bermuda	85.32	85.32	85.32	85.32	85.32	85.32	85.32	85.32	85.32	85.32	85.32	85.32
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	113.55	113.55	113.55	113.55	113.55	113.55	113.55	113.55	113.55	113.55	113.55	113.55
Citrus-mature	474.25	474.25	474.25	474.25	474.25	474.25	474.25	474.25	474.25	474.25	474.25	474.25
Citrus-declining	18.04	18.04	18.04	18.04	18.04	18.04	18.04	18.04	18.04	18.04	18.04	18.04
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	76.44	76.44	76.44	76.44	76.44	76.44	76.44	76.44	76.44	76.44	76.44	76.44
Legume/Solanum Veg	7.12	7.12	7.12	7.12	7.12	7.12	7.12	7.12	7.12	7.12	7.12	7.12
Crucifers	9.10	9.10	9.10	9.10	9.10	9.10	9.10	9.10	9.10	9.10	9.10	9.10
Dates	40.32	40.32	40.32	40.32	40.32	40.32	40.32	40.32	40.32	40.32	40.32	40.32
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	9.51	9.51	9.51	9.51	9.51	9.51	9.51	9.51	9.51	9.51	9.51	9.51
Small Vegetables	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)*	18.60	18.60	18.60	18.60	18.60	18.60	18.60	18.60	18.60	18.60	18.60	18.60
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 LCRAS		Sheet AB, Page 3 of 3			Unit "B" Irrigation and Drainage District, AZ								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet AC, Page 1 of 3			University of Arizona Agricultural Station, AZ								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	10	6	13	17	21	24	25	21	18	15	8	8	185
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	1	1	1	0	3
Lettuce-fall	1	0	0	0	0	0	0	0	0	0	0	1	2
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	4	2	6	7	9	10	10	9	7	6	3	3	77
Citrus-mature	4	3	6	8	9	10	10	9	8	6	3	3	79
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	1	1	1	1	0	0	0	0	4
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	1	2	3	3	3	3	2	2	1	1	20
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet AC, Page 2 of 3			University of Arizona Agricultural Station, AZ							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	69.35	69.35	69.35	69.35	69.35	69.35	69.35	69.35	69.35	69.35	69.35	69.35
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85
Lettuce-fall	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	34.83	34.83	34.83	34.83	34.83	34.83	34.83	34.83	34.83	34.83	34.83	34.83
Citrus-mature	21.39	21.39	21.39	21.39	21.39	21.39	21.39	21.39	21.39	21.39	21.39	21.39
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 LCRAS		Sheet AC, Page 3 of 3			University of Arizona Agricultural Station, AZ								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

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Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	250	198	383	607	756	802	727	577	337	372	214	216	5,438
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	147	130	276	520	866	1044	1096	915	783	501	158	78	6514
Monthly ET Values, Crop Groups													
Alfalfa-perennial	73	73	124	155	196	240	254	215	172	166	61	80	1808
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	104	99	195	216	77	0	0	0	0	0	0	30	721
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	47	107	65	0	219
Lettuce-fall	28	13	0	0	0	0	0	0	0	0	0	16	56
Melons-spring	0	5	13	19	22	0	0	0	0	0	0	0	59
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	15	36	43	45	37	31	2	0	0	208
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	101	293	383	402	325	0	0	0	0	1504
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	45	0	0	0	0	0	0	0	87	97	88	91	408
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	8	51	101	132	136	26	0	0	0	0	0	454
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	1	2	3	3	3	3	2	1	0	0	18
Barren	25	22	28	21	25	28	30	25	21	18	14	17	273
Sc-low	27	24	46	97	174	218	228	191	163	98	28	12	1305
Sc-high	12	11	25	53	92	111	116	97	83	50	14	6	669
Sc/ms	15	14	33	72	125	151	159	132	113	67	18	7	907
Sc/aw	12	10	25	53	91	110	116	97	83	49	13	5	664
Sc/ms/aw	4	4	9	19	33	40	41	35	30	20	6	2	242
Ms-low	13	11	26	46	74	88	92	77	66	47	15	6	561
Ms-high	7	7	17	34	55	63	67	56	48	33	11	4	401
Ms/aw	4	3	9	17	27	32	33	28	24	16	5	2	201
Aw	6	6	13	26	43	54	56	47	40	26	8	3	329
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	21	19	44	80	125	146	154	128	110	76	27	13	943

2003 LCRAS		Sheet AD, Page 2 of 3			West Cocopah Indian Reservation, AZ							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	2200.31	2200.31	2200.31	2200.31	2200.31	2200.31	2200.31	2200.31	2200.31	2200.31	2200.31	2200.31
Alfalfa-perennial	333.13	333.13	333.13	333.13	333.13	333.13	333.13	333.13	333.13	333.13	333.13	333.13
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	394.52	394.52	394.52	394.52	394.52	394.52	394.52	394.52	394.52	394.52	394.52	394.52
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	304.59	304.59	304.59	304.59	304.59	304.59	304.59	304.59	304.59	304.59	304.59	304.59
Lettuce-fall	100.88	100.88	100.88	100.88	100.88	100.88	100.88	100.88	100.88	100.88	100.88	100.88
Melons-spring	33.11	33.11	33.11	33.11	33.11	33.11	33.11	33.11	33.11	33.11	33.11	33.11
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	61.85	61.85	61.85	61.85	61.85	61.85	61.85	61.85	61.85	61.85	61.85	61.85
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	415.71	415.71	415.71	415.71	415.71	415.71	415.71	415.71	415.71	415.71	415.71	415.71
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	405.65	405.65	405.65	405.65	405.65	405.65	405.65	405.65	405.65	405.65	405.65	405.65
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	150.87	150.87	150.87	150.87	150.87	150.87	150.87	150.87	150.87	150.87	150.87	150.87
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	1503.76	1503.76	1503.76	1503.76	1503.76	1503.76	1503.76	1503.76	1503.76	1503.76	1503.76	1503.76
Marsh	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05
Barren	255.41	255.41	255.41	255.41	255.41	255.41	255.41	255.41	255.41	255.41	255.41	255.41
Sc-low	274.29	274.29	274.29	274.29	274.29	274.29	274.29	274.29	274.29	274.29	274.29	274.29
Sc-high	124.02	124.02	124.02	124.02	124.02	124.02	124.02	124.02	124.02	124.02	124.02	124.02
Sc/ms	158.99	158.99	158.99	158.99	158.99	158.99	158.99	158.99	158.99	158.99	158.99	158.99
Sc/aw	119.81	119.81	119.81	119.81	119.81	119.81	119.81	119.81	119.81	119.81	119.81	119.81
Sc/ms/aw	41.85	41.85	41.85	41.85	41.85	41.85	41.85	41.85	41.85	41.85	41.85	41.85
Ms-low	133.48	133.48	133.48	133.48	133.48	133.48	133.48	133.48	133.48	133.48	133.48	133.48
Ms-high	76.57	76.57	76.57	76.57	76.57	76.57	76.57	76.57	76.57	76.57	76.57	76.57
Ms/aw	40.16	40.16	40.16	40.16	40.16	40.16	40.16	40.16	40.16	40.16	40.16	40.16
Aw	66.73	66.73	66.73	66.73	66.73	66.73	66.73	66.73	66.73	66.73	66.73	66.73
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	209.40	209.40	209.40	209.40	209.40	209.40	209.40	209.40	209.40	209.40	209.40	209.40

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Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet AE, Page 1 of 3			Yuma Irrigation District, AZ								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	2758	1890	2746	3862	3614	3528	3673	3178	2042	1781	929	1461	31,464
Open-Water Evap (Acre-Feet)	15	9	26	35	44	50	52	43	37	28	11	10	360
Total Riparian Veg. ET (Acre-Feet)	29	26	50	88	145	175	183	153	131	84	28	16	1109
Monthly ET Values, Crop Groups													
Alfalfa-perennial	115	114	194	243	309	378	399	339	270	262	96	125	2845
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	130	273	512	1001	1495	1457	1092	260	0	0	6220
Small Grain	1069	1022	2010	2223	795	0	0	0	0	0	0	305	7424
Field Grain	0	7	68	163	216	160	0	0	0	0	0	0	614
Lettuce-spring	0	0	0	0	0	0	0	0	437	986	603	0	2026
Lettuce-fall	1416	636	0	0	0	0	0	0	0	0	0	789	2841
Melons-spring	0	41	108	157	180	0	0	0	0	0	0	0	486
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	6	14	17	18	15	12	1	0	0	83
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	2	1	2	3	3	4	4	3	3	2	1	1	29
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	412	1193	1560	1636	1322	0	0	0	0	6123
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	93	0	0	0	0	0	0	0	180	200	181	188	841
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	22	134	266	348	358	69	0	0	0	0	0	1198
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	49	37	73	80	0	0	0	0	0	24	24	32	320
Root Vegetables	0	0	0	0	0	0	0	0	12	19	13	11	54
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	9	8	10	7	9	10	10	9	7	6	5	6	95
Sc-low	4	3	6	13	24	30	32	27	23	14	4	2	182
Sc-high	8	7	16	33	57	69	73	61	52	31	8	4	419
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	2
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	1	1	1	1	1	1	1	0	0	6
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	2	2	4	7	12	15	15	13	11	7	2	1	90
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	7	6	15	27	42	49	51	43	37	25	9	4	314

2003 LCRAS		Sheet AE, Page 2 of 3			Yuma Irrigation District, AZ							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	18018.25	18018.25	18018.25	18018.25	18018.25	18018.25	18018.25	18018.25	18018.25	18018.25	18018.25	18018.25
Alfalfa-perennial	524.21	524.21	524.21	524.21	524.21	524.21	524.21	524.21	524.21	524.21	524.21	524.21
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	1817.25	1817.25	1817.25	1817.25	1817.25	1817.25	1817.25	1817.25	1817.25	1817.25	1817.25	1817.25
Small Grain	4060.79	4060.79	4060.79	4060.79	4060.79	4060.79	4060.79	4060.79	4060.79	4060.79	4060.79	4060.79
Field Grain	254.82	254.82	254.82	254.82	254.82	254.82	254.82	254.82	254.82	254.82	254.82	254.82
Lettuce-spring	2817.09	2817.09	2817.09	2817.09	2817.09	2817.09	2817.09	2817.09	2817.09	2817.09	2817.09	2817.09
Lettuce-fall	5089.05	5089.05	5089.05	5089.05	5089.05	5089.05	5089.05	5089.05	5089.05	5089.05	5089.05	5089.05
Melons-spring	270.68	270.68	270.68	270.68	270.68	270.68	270.68	270.68	270.68	270.68	270.68	270.68
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	24.68	24.68	24.68	24.68	24.68	24.68	24.68	24.68	24.68	24.68	24.68	24.68
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	13.22	13.22	13.22	13.22	13.22	13.22	13.22	13.22	13.22	13.22	13.22	13.22
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	1692.72	1692.72	1692.72	1692.72	1692.72	1692.72	1692.72	1692.72	1692.72	1692.72	1692.72	1692.72
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	835.52	835.52	835.52	835.52	835.52	835.52	835.52	835.52	835.52	835.52	835.52	835.52
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	398.09	398.09	398.09	398.09	398.09	398.09	398.09	398.09	398.09	398.09	398.09	398.09
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	168.46	168.46	168.46	168.46	168.46	168.46	168.46	168.46	168.46	168.46	168.46	168.46
Root Vegetables	51.67	51.67	51.67	51.67	51.67	51.67	51.67	51.67	51.67	51.67	51.67	51.67
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	294.71	294.71	294.71	294.71	294.71	294.71	294.71	294.71	294.71	294.71	294.71	294.71
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	88.88	88.88	88.88	88.88	88.88	88.88	88.88	88.88	88.88	88.88	88.88	88.88
Sc-low	38.25	38.25	38.25	38.25	38.25	38.25	38.25	38.25	38.25	38.25	38.25	38.25
Sc-high	77.65	77.65	77.65	77.65	77.65	77.65	77.65	77.65	77.65	77.65	77.65	77.65
Sc/ms	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	18.30	18.30	18.30	18.30	18.30	18.30	18.30	18.30	18.30	18.30	18.30	18.30
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	69.84	69.84	69.84	69.84	69.84	69.84	69.84	69.84	69.84	69.84	69.84	69.84

2003 LCRAS		Sheet AE, Page 3 of 3			Yuma Irrigation District, AZ								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet AF, Page 1 of 3			Yuma Mesa Irrigation and Drainage District, AZ								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	3253	2564	4772	6122	7646	8950	9427	7911	6296	5738	2541	2932	68,152
Open-Water Evap (Acre-Feet)	42	26	76	102	126	144	150	124	106	80	32	29	1037
Total Riparian Veg. ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Crop Groups													
Alfalfa-perennial	1349	1343	2282	2856	3625	4435	4687	3974	3174	3071	1123	1472	33392
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	41	39	76	85	30	0	0	0	0	0	0	12	282
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	79	178	109	0	365
Lettuce-fall	144	65	0	0	0	0	0	0	0	0	0	80	288
Melons-spring	0	5	12	18	21	0	0	0	0	0	0	0	55
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	16	38	45	47	39	33	2	0	0	219
Bermuda w/ rye	5	3	6	4	10	12	13	11	9	4	4	4	85
Citrus-young	236	129	329	414	489	545	572	478	418	344	171	188	4314
Citrus-mature	1350	905	1883	2350	2777	3094	3249	2711	2372	1950	1028	1066	24734
Citrus-declining	37	22	52	65	77	86	90	75	66	54	28	30	683
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	151	436	571	599	483	0	0	0	0	2240
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	14	0	0	0	0	0	0	0	27	30	28	29	128
Dates	5	4	9	12	15	17	18	15	13	10	5	5	126
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	1	1	1	1	1	1	1	0	0	8
Small Vegetables	30	23	45	49	0	0	0	0	0	15	15	20	196
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet AF, Page 2 of 3			Yuma Mesa Irrigation and Drainage District, AZ							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	17205.18	17205.18	17205.18	17205.18	17205.18	17205.18	17205.18	17205.18	17205.18	17205.18	17205.18	17205.18
* - Includes 123.79 acres of Greenhouse/nursery in Citrus-mature acreage.												
Alfalfa-perennial	6153.25	6153.25	6153.25	6153.25	6153.25	6153.25	6153.25	6153.25	6153.25	6153.25	6153.25	6153.25
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	154.38	154.38	154.38	154.38	154.38	154.38	154.38	154.38	154.38	154.38	154.38	154.38
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	507.36	507.36	507.36	507.36	507.36	507.36	507.36	507.36	507.36	507.36	507.36	507.36
Lettuce-fall	516.27	516.27	516.27	516.27	516.27	516.27	516.27	516.27	516.27	516.27	516.27	516.27
Melons-spring	30.82	30.82	30.82	30.82	30.82	30.82	30.82	30.82	30.82	30.82	30.82	30.82
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41
Bermuda w/ rye	17.89	17.89	17.89	17.89	17.89	17.89	17.89	17.89	17.89	17.89	17.89	17.89
Citrus-young	1957.18	1957.18	1957.18	1957.18	1957.18	1957.18	1957.18	1957.18	1957.18	1957.18	1957.18	1957.18
Citrus-mature*	6665.44	6665.44	6665.44	6665.44	6665.44	6665.44	6665.44	6665.44	6665.44	6665.44	6665.44	6665.44
Citrus-declining	264.47	264.47	264.47	264.47	264.47	264.47	264.47	264.47	264.47	264.47	264.47	264.47
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	619.14	619.14	619.14	619.14	619.14	619.14	619.14	619.14	619.14	619.14	619.14	619.14
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	127.32	127.32	127.32	127.32	127.32	127.32	127.32	127.32	127.32	127.32	127.32	127.32
Dates	21.32	21.32	21.32	21.32	21.32	21.32	21.32	21.32	21.32	21.32	21.32	21.32
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71
Small Vegetables	103.22	103.22	103.22	103.22	103.22	103.22	103.22	103.22	103.22	103.22	103.22	103.22
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	0	0	0	0	0	0	0	0	0	0	0	0
Marsh												
Barren												
Sc-low												
Sc-high												
Sc/ms												
Sc/aw												
Sc/ms/aw												
Ms-low												
Ms-high												
Ms/aw												
Aw												
Cw												
Low Veg												

2003 LCRAS		Sheet AF, Page 3 of 3			Yuma Mesa Irrigation and Drainage District, AZ								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet AG, Page 1 of 3			Yuma Proving Ground, AZ								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	17	15	30	52	86	103	108	91	77	51	17	9	656
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	6	5	6	5	6	6	7	6	5	4	3	4	62
Sc-low	2	1	3	6	11	13	14	12	10	6	2	1	81
Sc-high	1	1	2	4	6	8	8	7	6	3	1	0	46
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	2	2	4	9	16	19	20	17	14	9	2	1	116
Sc/ms/aw	2	1	4	7	13	15	16	13	11	8	2	1	94
Ms-low	1	1	3	5	8	9	10	8	7	5	2	1	58
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	1	1	3	6	9	11	11	10	8	6	2	1	69
Aw	2	2	4	8	14	18	19	15	13	9	3	1	108
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	1	0	1	2	3	4	4	3	3	2	1	0	23

2003 LCRAS		Sheet AG, Page 2 of 3			Yuma Proving Ground, AZ							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	175.27	175.27	175.27	175.27	175.27	175.27	175.27	175.27	175.27	175.27	175.27	175.27
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	58.11	58.11	58.11	58.11	58.11	58.11	58.11	58.11	58.11	58.11	58.11	58.11
Sc-low	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97
Sc-high	8.44	8.44	8.44	8.44	8.44	8.44	8.44	8.44	8.44	8.44	8.44	8.44
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/aw	21.01	21.01	21.01	21.01	21.01	21.01	21.01	21.01	21.01	21.01	21.01	21.01
Sc/ms/aw	16.21	16.21	16.21	16.21	16.21	16.21	16.21	16.21	16.21	16.21	16.21	16.21
Ms-low	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	13.71	13.71	13.71	13.71	13.71	13.71	13.71	13.71	13.71	13.71	13.71	13.71
Aw	21.92	21.92	21.92	21.92	21.92	21.92	21.92	21.92	21.92	21.92	21.92	21.92
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13

2003 LCRAS		Sheet AG, Page 3 of 3			Yuma Proving Ground, AZ								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet AH, Page 1 of 3			Yuma Proving Ground, CA								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	1	1	2	4	7	9	9	7	0	1	1	1	41
Open-Water Evap (Acre-Feet)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Riparian Veg. ET (Acre-Feet)	184	163	362	700	1166	1405	1475	1232	1052	641	192	97	8669
Monthly ET Values, Crop Groups													
Alfalfa-perennial	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Grain	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Lettuce-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-spring	0	0	0	0	0	0	0	0	0	0	0	0	0
Melons-fall	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda w/ rye	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-young	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-mature	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus-declining	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	2	7	9	9	7	0	0	0	0	34
Legume/Solanum Veg	0	0	0	0	0	0	0	0	0	0	0	0	0
Crucifers	0	0	0	0	0	0	0	0	0	0	0	0	0
Dates	0	0	0	0	0	0	0	0	0	0	0	0	0
Safflower	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Vegetables	1	1	2	2	0	0	0	0	0	1	1	1	7
Root Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial Vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	4	4	20	37	46	53	55	46	39	15	3	3	325
Barren	33	29	37	28	33	37	39	33	28	24	18	22	361
Sc-low	16	14	28	59	106	133	139	116	99	60	17	8	796
Sc-high	72	64	152	322	555	670	703	587	502	299	82	34	4043
Sc/ms	23	20	49	106	185	224	235	196	168	100	27	11	1346
Sc/aw	6	5	12	26	44	53	56	47	40	24	6	3	321
Sc/ms/aw	3	2	6	13	23	27	29	24	20	14	4	1	167
Ms-low	5	5	11	19	31	37	39	32	28	20	6	3	235
Ms-high	5	5	12	25	39	46	48	40	34	23	8	3	288
Ms/aw	2	1	4	7	12	14	14	12	10	7	2	1	86
Aw	6	6	12	25	42	52	54	45	39	25	7	3	317
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	9	8	18	32	51	60	63	52	45	31	11	5	384

2003 LCRAS		Sheet AH, Page 2 of 3			Yuma Proving Ground, CA							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	13.24	13.24	13.24	13.24	13.24	13.24	13.24	13.24	13.24	13.24	13.24	13.24
Alfalfa-perennial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Field Grain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lettuce-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bermuda w/ rye	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-young	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-mature	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus-declining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	9.37	9.37	9.37	9.37	9.37	9.37	9.37	9.37	9.37	9.37	9.37	9.37
Legume/Solanum Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crucifers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dates	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orchards	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Vegetables	3.87	3.87	3.87	3.87	3.87	3.87	3.87	3.87	3.87	3.87	3.87	3.87
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perennial Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	1908.89	1908.89	1908.89	1908.89	1908.89	1908.89	1908.89	1908.89	1908.89	1908.89	1908.89	1908.89
Marsh	54.33	54.33	54.33	54.33	54.33	54.33	54.33	54.33	54.33	54.33	54.33	54.33
Barren	337.48	337.48	337.48	337.48	337.48	337.48	337.48	337.48	337.48	337.48	337.48	337.48
Sc-low	167.34	167.34	167.34	167.34	167.34	167.34	167.34	167.34	167.34	167.34	167.34	167.34
Sc-high	749.49	749.49	749.49	749.49	749.49	749.49	749.49	749.49	749.49	749.49	749.49	749.49
Sc/ms	235.78	235.78	235.78	235.78	235.78	235.78	235.78	235.78	235.78	235.78	235.78	235.78
Sc/aw	58.02	58.02	58.02	58.02	58.02	58.02	58.02	58.02	58.02	58.02	58.02	58.02
Sc/ms/aw	28.78	28.78	28.78	28.78	28.78	28.78	28.78	28.78	28.78	28.78	28.78	28.78
Ms-low	55.98	55.98	55.98	55.98	55.98	55.98	55.98	55.98	55.98	55.98	55.98	55.98
Ms-high	54.94	54.94	54.94	54.94	54.94	54.94	54.94	54.94	54.94	54.94	54.94	54.94
Ms/aw	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23
Aw	64.26	64.26	64.26	64.26	64.26	64.26	64.26	64.26	64.26	64.26	64.26	64.26
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	85.26	85.26	85.26	85.26	85.26	85.26	85.26	85.26	85.26	85.26	85.26	85.26

2003 LCRAS		Sheet AH, Page 3 of 3			Yuma Proving Ground, CA								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crop Groups													
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03

2003 LCRAS		Sheet AI, Page 1 of 3			Yuma County Water Users Association, AZ								
Imperial Dam to Mexico													
Based on average ETo values from 3 Yuma Area AZMET stations, and average precipitation from Yuma Area AZMET and NWS stations.													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Agricultural ET (Acre-Feet)	12490	8755	13414	18228	15695	12484	12492	10376	6832	7978	5067	6980	130,789
Open-Water Evap (Acre-Feet)	75	47	136	183	224	257	269	222	190	142	57	52	1854
Total Riparian Veg. ET (Acre-Feet)	1	1	1	1	1	1	2	1	1	1	0	0	11
Monthly ET Values, Crop Groups													
Alfalfa-perennial	94	94	159	199	253	310	327	277	221	214	78	103	2330
Alfalfa-annual	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfalfa-seed	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotton	0	0	230	481	904	1768	2640	2573	1929	460	0	0	10986
Small Grain	5657	5406	10633	11761	4207	0	0	0	0	0	0	1611	39276
Field Grain	0	14	136	329	434	323	0	0	0	0	0	0	1236
Lettuce-spring	0	0	0	0	0	0	0	0	2019	4560	2790	0	9370
Lettuce-fall	5379	2416	0	0	0	0	0	0	0	0	0	2995	10790
Melons-spring	0	412	1081	1574	1812	0	0	0	0	0	0	0	4879
Melons-fall	0	0	0	0	0	0	0	0	152	209	119	104	583
Bermuda	0	0	0	53	128	152	159	131	110	6	0	0	739
Bermuda w/ rye	24	17	32	23	55	65	68	56	47	21	19	19	446
Citrus-young	28	15	39	49	58	65	68	57	50	41	20	22	513
Citrus-mature	129	86	180	224	265	296	310	259	227	186	98	102	2363
Citrus-declining	6	3	8	10	12	13	14	12	10	8	4	5	107
Tomatoes	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	2060	5970	7804	8185	6612	0	0	0	0	30631
Legume/Solanum Veg	28	21	13	0	0	0	0	0	0	12	14	21	109
Crucifers	877	0	0	0	0	0	0	0	1702	1893	1715	1781	7967
Dates	43	34	78	103	127	145	151	126	107	82	41	39	1074
Safflower	0	76	460	915	1195	1229	238	0	0	0	0	0	4113
Orchards	7	4	14	25	37	43	45	38	32	25	12	9	291
Small Vegetables	139	106	210	229	0	0	0	0	0	69	68	92	913
Root Vegetables	0	0	0	0	0	0	0	0	27	42	29	25	123
Perennial Vegetables	2	1	4	8	13	15	16	13	10	6	2	2	94
Sugar Beets	0	0	0	0	0	0	0	0	0	0	0	0	0
Grapes	0	0	0	0	0	0	0	0	0	0	0	0	1
Herbs-(miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Moist Soil Unit	0	0	0	0	0	0	0	0	0	0	0	0	0
Seasonal Wetland	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly ET Values, Riparian Vegetation Groups													
Marsh	0	0	0	0	0	0	0	0	0	0	0	0	0
Barren	1	0	1	0	1	1	1	1	0	0	0	0	6
Sc-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc-high	0	0	0	0	1	1	1	1	1	0	0	0	5
Sc/ms	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Sc/ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-low	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms-high	0	0	0	0	0	0	0	0	0	0	0	0	0
Ms/aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Aw	0	0	0	0	0	0	0	0	0	0	0	0	0
Cw	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Veg	0	0	0	0	0	0	0	0	0	0	0	0	0

2003 LCRAS		Sheet AI, Page 2 of 3			Yuma County Water Users Association, AZ							
Imperial Dam to Mexico												
	January	February	March	April	May	June	July	August	September	October	November	December
Total Agricultural Acres	81140.27	81140.27	81140.27	81140.27	81140.27	81140.27	81140.27	81140.27	81140.27	81140.27	81140.27	81140.27
* - Includes XX acres of Greenhouse/nursery in Citrus-mature acreage.												
Alfalfa-perennial	429.38	429.38	429.38	429.38	429.38	429.38	429.38	429.38	429.38	429.38	429.38	429.38
Alfalfa-annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfalfa-seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cotton	3209.92	3209.92	3209.92	3209.92	3209.92	3209.92	3209.92	3209.92	3209.92	3209.92	3209.92	3209.92
Small Grain	21481.76	21481.76	21481.76	21481.76	21481.76	21481.76	21481.76	21481.76	21481.76	21481.76	21481.76	21481.76
Field Grain	513.24	513.24	513.24	513.24	513.24	513.24	513.24	513.24	513.24	513.24	513.24	513.24
Lettuce-spring	13028.43	13028.43	13028.43	13028.43	13028.43	13028.43	13028.43	13028.43	13028.43	13028.43	13028.43	13028.43
Lettuce-fall	19325.15	19325.15	19325.15	19325.15	19325.15	19325.15	19325.15	19325.15	19325.15	19325.15	19325.15	19325.15
Melons-spring	2718.26	2718.26	2718.26	2718.26	2718.26	2718.26	2718.26	2718.26	2718.26	2718.26	2718.26	2718.26
Melons-fall	503.94	503.94	503.94	503.94	503.94	503.94	503.94	503.94	503.94	503.94	503.94	503.94
Bermuda	220.18	220.18	220.18	220.18	220.18	220.18	220.18	220.18	220.18	220.18	220.18	220.18
Bermuda w/ rye	94.17	94.17	94.17	94.17	94.17	94.17	94.17	94.17	94.17	94.17	94.17	94.17
Citrus-young	232.91	232.91	232.91	232.91	232.91	232.91	232.91	232.91	232.91	232.91	232.91	232.91
Citrus-mature*	636.80	636.80	636.80	636.80	636.80	636.80	636.80	636.80	636.80	636.80	636.80	636.80
Citrus-declining	41.41	41.41	41.41	41.41	41.41	41.41	41.41	41.41	41.41	41.41	41.41	41.41
Tomatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sudan	8467.49	8467.49	8467.49	8467.49	8467.49	8467.49	8467.49	8467.49	8467.49	8467.49	8467.49	8467.49
Legume/Solanum Veg	92.59	92.59	92.59	92.59	92.59	92.59	92.59	92.59	92.59	92.59	92.59	92.59
Crucifers	7914.62	7914.62	7914.62	7914.62	7914.62	7914.62	7914.62	7914.62	7914.62	7914.62	7914.62	7914.62
Dates	181.80	181.80	181.80	181.80	181.80	181.80	181.80	181.80	181.80	181.80	181.80	181.80
Safflower	1366.67	1366.67	1366.67	1366.67	1366.67	1366.67	1366.67	1366.67	1366.67	1366.67	1366.67	1366.67
Orchards	62.12	62.12	62.12	62.12	62.12	62.12	62.12	62.12	62.12	62.12	62.12	62.12
Small Vegetables	480.96	480.96	480.96	480.96	480.96	480.96	480.96	480.96	480.96	480.96	480.96	480.96
Root Vegetables	117.75	117.75	117.75	117.75	117.75	117.75	117.75	117.75	117.75	117.75	117.75	117.75
Perennial Vegetables	20.28	20.28	20.28	20.28	20.28	20.28	20.28	20.28	20.28	20.28	20.28	20.28
Sugar Beets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grapes	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
Herbs-(miscellaneous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moist Soil Unit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Wetland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Riparian Vegetation Acres	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70
Marsh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barren	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74
Sc-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc-high	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Sc/ms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sc/ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-low	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms-high	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ms/aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Low Veg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2003 LCRAS		Sheet AI, Page 3 of 3			Yuma County Water Users Association, AZ								
Imperial Dam to Mexico													
Monthly ET Rate Values (inches, from Ymarea03.xlw)													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Alfalfa-perennial	2.63	2.62	4.45	5.57	7.07	8.65	9.14	7.75	6.19	5.99	2.19	2.87	65.12
Alfalfa-annual	1.97	2.81	3.90	5.93	9.25	6.09	11.27	0.00	0.00	0.00	0.00	1.10	42.32
Alfalfa-seed	1.37	1.54	3.13	2.65	5.57	6.40	3.92	5.54	5.71	5.99	2.19	2.87	46.88
Cotton	0.00	0.00	0.86	1.80	3.38	6.61	9.87	9.62	7.21	1.72	0.00	0.00	41.07
Small Grain	3.16	3.02	5.94	6.57	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.90	21.94
Field Grain	0.00	0.33	3.18	7.69	10.15	7.55	0.00	0.00	0.00	0.00	0.00	0.00	28.90
Lettuce-spring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	4.20	2.57	0.00	8.63
Lettuce-fall	3.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	6.70
Melons-spring	0.00	1.82	4.77	6.95	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54
Melons-fall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	4.98	2.83	2.47	13.89
Bermuda	0.00	0.00	0.00	2.89	6.96	8.27	8.68	7.15	5.97	0.34	0.00	0.00	40.26
Bermuda w/ rye	3.10	2.21	4.10	2.89	6.96	8.27	8.68	7.15	5.97	2.67	2.46	2.41	56.87
Citrus-young	1.45	0.79	2.02	2.54	3.00	3.34	3.51	2.93	2.56	2.11	1.05	1.15	26.45
Citrus-mature	2.43	1.63	3.39	4.23	5.00	5.57	5.85	4.88	4.27	3.51	1.85	1.92	44.53
Citrus-declining	1.70	1.00	2.36	2.96	3.50	3.90	4.09	3.42	2.99	2.46	1.25	1.34	30.97
Tomatoes	0.00	1.47	4.64	8.06	9.50	4.16	0.00	0.00	0.00	0.00	0.00	0.00	27.83
Sudan	0.00	0.00	0.00	2.92	8.46	11.06	11.60	9.37	0.00	0.00	0.00	0.00	43.41
Legume/Solanum Veg	3.67	2.78	1.69	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.77	2.67	14.17
Crucifers	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	2.87	2.60	2.70	12.08
Dates	2.87	2.22	5.13	6.78	8.38	9.55	9.97	8.29	7.06	5.39	2.70	2.56	70.90
Safflower	0.00	0.67	4.04	8.03	10.49	10.79	2.09	0.00	0.00	0.00	0.00	0.00	36.11
Orchards	1.34	0.74	2.75	4.82	7.19	8.31	8.72	7.28	6.24	4.79	2.30	1.67	56.15
Small Vegetables	3.48	2.65	5.23	5.71	0.00	0.00	0.00	0.00	0.00	1.72	1.69	2.30	22.78
Root Vegetables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	4.31	2.98	2.57	12.58
Perennial Vegetables	1.42	0.81	2.32	4.93	7.86	9.02	9.46	7.89	6.00	3.61	1.21	1.10	55.63
Sugar Beets	3.71	2.85	5.65	7.06	6.20	0.16	0.00	0.00	0.79	2.07	1.79	2.63	32.91
Grapes	0.00	-0.03	1.59	4.43	7.21	8.30	8.31	5.46	2.05	0.00	0.00	0.00	37.32
Herbs-(miscellaneous)	3.17	2.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.93	2.43	13.30
Moist Soil Unit	3.49	2.66	5.22	6.81	4.78	3.18	10.99	9.66	5.06	5.63	2.84	2.71	63.03
Seasonal Wetland	3.49	2.66	4.10	3.93	3.68	2.52	5.16	4.71	4.04	5.63	2.84	2.71	45.47
Riparian Vegetation Groups													
Marsh	0.91	0.81	4.37	8.19	10.15	11.63	12.20	10.19	8.66	3.23	0.75	0.68	71.77
Barren	1.16	1.03	1.33	0.99	1.16	1.33	1.40	1.17	1.00	0.84	0.65	0.78	12.84
Sc-low	1.16	1.03	2.01	4.23	7.62	9.53	9.99	8.35	7.13	4.28	1.21	0.54	57.08
Sc-high	1.16	1.03	2.44	5.16	8.88	10.73	11.26	9.40	8.03	4.79	1.31	0.55	64.74
Sc/ms	1.16	1.03	2.51	5.42	9.44	11.41	11.97	10.00	8.55	5.08	1.37	0.55	68.49
Sc/aw	1.16	1.03	2.47	5.28	9.14	11.04	11.58	9.68	8.27	4.93	1.34	0.55	66.47
Sc/ms/aw	1.16	1.03	2.71	5.55	9.41	11.34	11.89	9.93	8.51	5.73	1.66	0.59	69.51
Ms-low	1.16	1.03	2.31	4.17	6.62	7.91	8.30	6.93	5.94	4.20	1.31	0.57	50.45
Ms-high	1.16	1.03	2.66	5.38	8.57	9.95	10.43	8.72	7.46	5.13	1.70	0.70	62.89
Ms/aw	1.16	1.03	2.60	5.17	8.20	9.51	9.97	8.33	7.13	4.87	1.55	0.62	60.14
Aw	1.16	1.03	2.31	4.60	7.82	9.67	10.15	8.48	7.26	4.67	1.39	0.58	59.12
Cw	1.16	1.03	2.60	5.17	8.44	9.95	10.43	8.72	7.46	5.09	1.60	0.63	62.28
Low Veg	1.23	1.10	2.50	4.56	7.15	8.39	8.80	7.35	6.30	4.38	1.54	0.73	54.03